

Converting Colors

RGB(226, 243, 242)

Have a look what the booklet for
RGB(226, 243, 242) contains.

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Color

RGB(226, 243, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3F2
RGB	226, 243, 242
RGB Percent	89%, 95%, 95%
CMY	0.1137, 0.0471, 0.0510
CMYK	0.07, 0.00, 0.00, 0.05
HSL	176°, 41%, 92%
HSV	176°, 7%, 95%
XYZ	79.4416, 86.6807, 96.5484
YIQ	237.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

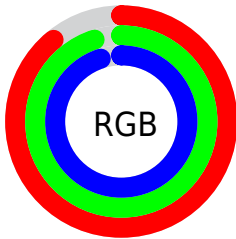
Format	Color
R _Y B	226, 235, 243
Decimal	14873586
CIE Lab	94.60, -5.75, -1.45
CIE LCh	95, 5.931, 194.141
Yxy	86.6807, 0.3024, 0.3300
Android (android.graphics.Color)	4293063666 (0xFFE2F3F2)
YUV	237.8030, 2.0691, -10.3512
Hunter-Lab	93.1025, -10.6205, 3.6873

Details

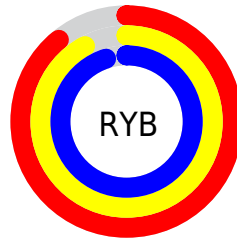
The RGB color **226, 243, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 226, 227**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 187, 186** is the 20% darker color. If you saturate the color by 10%, you get **202, 243, 241**, and if you desaturate by 10%, it is **250, 243, 243**.

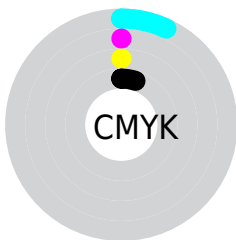
Distribution



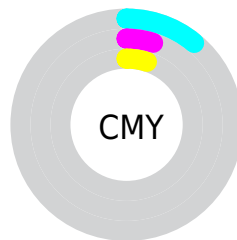
- Red (89%)
- Green (95%)
- Blue (95%)



- Red (89%)
- Yellow (92%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 243, 242 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 226, 243, 242 by changing the saturation by 10% instead.

■ 226, 243, 242

255, 255, 255

■ 226, 243, 242

■ 198, 215, 214

■ 171, 187, 186

■ 144, 160, 159

■ 118, 134, 133

■ 94, 108, 108

■ 70, 84, 83

■ 47, 61, 60

■ 26, 39, 39

■ 0, 19, 18

 226, 243, 242

 226, 243, 242

 202, 243, 241

 250, 243, 243

 177, 243, 239

 255, 243, 245

 153, 243, 238

 255, 243, 246

 129, 243, 236

 255, 243, 248

 104, 243, 235

 255, 243, 249

 80, 243, 233

 255, 243, 251

 56, 243, 232

 255, 243, 252

 32, 243, 231

 255, 243, 253

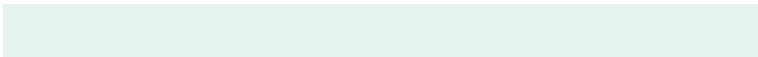
 7, 243, 229

 255, 243, 255

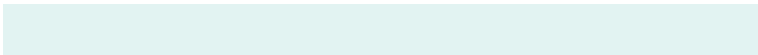
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 243, 236



226, 243, 242



227, 242, 247

Triad

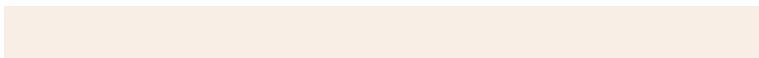
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 243, 242



244, 237, 248



248, 238, 229

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



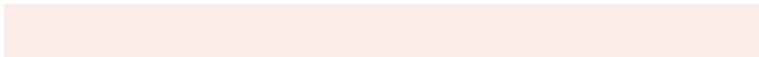
226, 243, 242



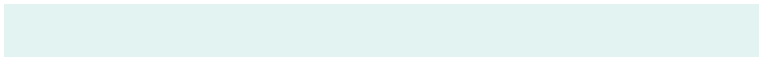
243, 226, 227

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 236, 232



226, 243, 242



250, 236, 243

Square

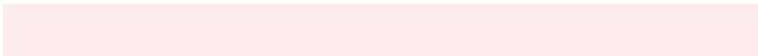
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 243, 242



237, 239, 250



252, 236, 237



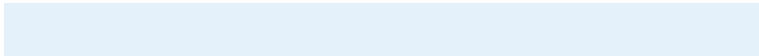
242, 240, 228

Rectangle

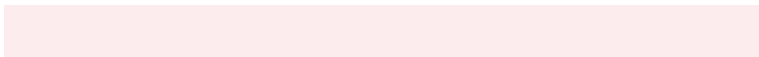
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



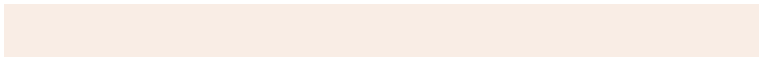
226, 243, 242



229, 241, 250



252, 236, 237



249, 237, 229

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



226, 243, 242



250, 255, 255



227, 243, 226



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

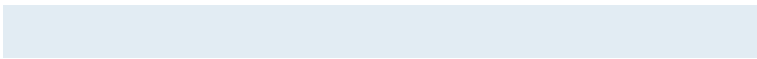
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 243, 242



235, 255, 254



226, 236, 243



110, 122, 122



0, 186, 175



0, 59, 55

Inverse Universe

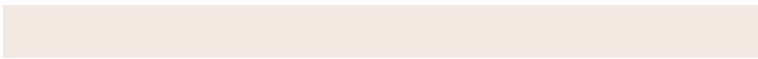
The Inverse Universe completely reimagines the original color for something new.



243, 226, 227



255, 235, 236



243, 233, 226



122, 110, 111



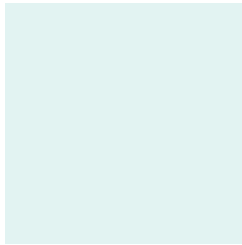
186, 0, 11



59, 0, 3

Previews

White Background



This preview shows how the RGB color 226, 243, 242 looks on a white background.

Color Contrast Check

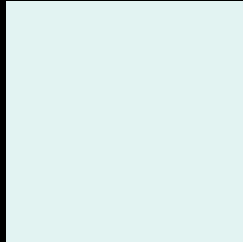
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 226, 243, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

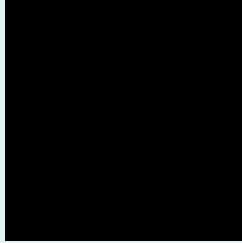
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

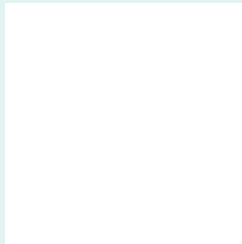
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 226, 243, 242 Background



This preview shows how black text looks on a background with the RGB color 226, 243, 242.

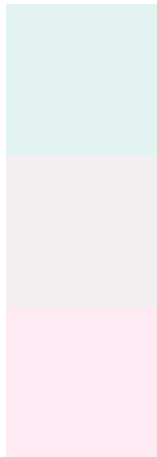


This preview shows how white text looks on a background with the RGB color 226, 243, 242.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
226, 243, 242

Protanopia
243, 238, 239

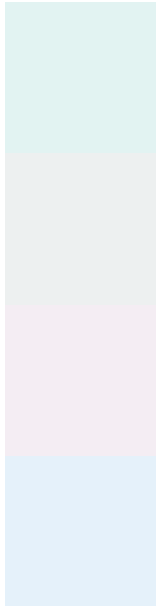
Deuteranopia
255, 234, 243



Tritanopia

231, 240, 255

Trichromacy



Original Color

226, 243, 242

Protanomaly

237, 240, 240

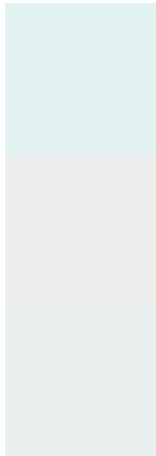
Deuteranomaly

244, 237, 243

Tritanomaly

229, 241, 250

Monochromacy



Original Color

226, 243, 242

Achromatopsia

238, 238, 238

Achromatomaly

234, 240, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 243, 242 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 242) }
```

Border

The CSS property to change the border of an element to RGB 226, 243, 242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 243, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 243, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 226, 243, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
243, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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