Converting Colors

RGB(236, 241, 242)

Have a look what the booklet for RGB(236, 241, 242) contains.

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Color

RGB(236, 241, 242)

Conversions

Format	Color
Hex	ECF1F2
RGB	236, 241, 242
RGB Percent	93%, 95%, 95%
CMY	0.0745, 0.0549, 0.0510
CMYK	0.02, 0.00, 0.00, 0.05
HSL	190°, 19%, 94%
HSV	190°, 2%, 95%
XYZ	82.0744, 87.1543, 96.5011
YIQ	239.6190, -3.3010, -0.7490

Conversions Part 1

Conversions

Conversions Part 2

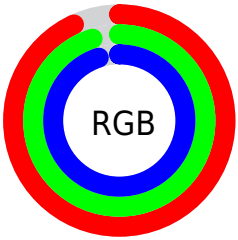
Format	Color
RYB	236, 239, 242
Decimal	15528434
CIELab	94.80, -1.47, -1.07
CIELCh	95, 1.820, 216.053
Yxy	87.1543, 0.3089, 0.3280
Android (android.graphics.Color)	4293718514 (0xFFECF1F2)
YUV	239.6190, 1.1738, -3.1739
Hunter-Lab	93.3564, -6.4454, 4.0624

Details

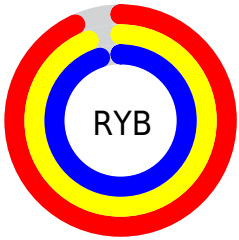
The RGB color 236, 241, 242 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 242, 237, 236, and the grayscale version is 240, 240, 240.

A 20% lighter version of the original color is 255, 255, 255, and 180, 185, 186 is the 20% darker color. If you saturate the color by 10%, you get 212, 237, 242, and if you desaturate by 10%, it is 255, 245, 242.

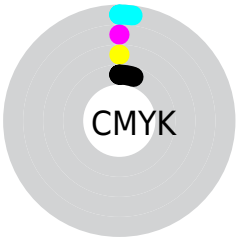
Distribution



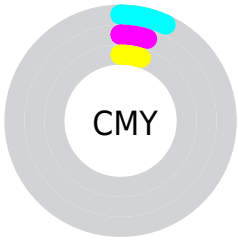
- Red (93%)
- Green (95%)
- Blue (95%)



- Red (93%)
- Yellow (94%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 241, 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 236, 241, 242 by changing the saturation by 10% instead.

236, 241, 242

255, 255, 255

236, 241, 242

208, 213, 214

180, 185, 186

153, 158, 159

128, 132, 133

102, 107, 108

78, 83, 83

56, 60, 60

34, 38, 39

12, 17, 18

236, 241, 242	236, 241, 242
212, 237, 242	255, 245, 242
188, 233, 242	255, 249, 242
163, 229, 242	255, 253, 242
139, 225, 242	255, 255, 242
115, 221, 242	
91, 217, 242	
67, 213, 242	
42, 209, 242	
18, 205, 242	

Harmonies

Analogous

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

236, 241, 240

236, 241, 242

237, 241, 243

Triad

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

236, 241, 242

243, 239, 241

241, 240, 237

Complementary

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

236, 241, 242

242, 237, 236

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.

243, 239, 237

236, 241, 242

244, 239, 240

Square

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

236, 241, 242

241, 239, 243

244, 239, 238

239, 241, 237

Rectangle

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

236, 241, 242

238, 240, 243

244, 239, 238

242, 240, 237

Sweetspot

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

236, 241, 242

252, 255, 255

236, 242, 237

126, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

236, 241, 242

247, 254, 255

236, 238, 242

115, 119, 120

0, 153, 184

0, 47, 56

Inverse Universe

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

242, 236, 241

255, 247, 254

242, 240, 236

120, 115, 119

184, 0, 153

56, 0, 47

Previews

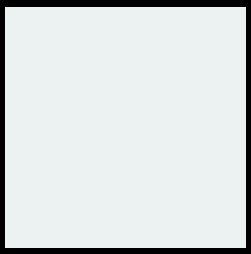
White Background

This preview shows how the RGB color 236, 241, 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



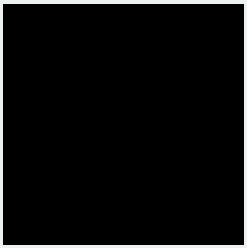
This preview shows how the RGB color 236, 241, 242 looks on a black background.

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 236, 241, 242 Background



This preview shows how black text looks on a background with the RGB color 236, 241, 242.

This preview shows how white text looks on a background with the RGB color 236, 241, 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
236, 241, 242

Protanopia
244, 239, 241

Deuteranopia
255, 235, 243

Tritanopia
239, 239, 255

Trichromacy

Original Color
236, 241, 242

Protanomaly
241, 240, 241

Deuteranomaly
248, 237, 243

Tritanomaly
238, 240, 250

Monochromacy

Original Color
236, 241, 242

Achromatopsia
240, 240, 240

Achromatomaly
239, 240, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 241, 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(236, 241, 242) looks like.

```
.text, #text, p{
    color:rgb(236, 241, 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(236, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 241, 242) }
```

Border

The CSS property to change the border of an element to RGB 236, 241, 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(236, 241, 242) }
```

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

```
.border{ border-color:rgb(236, 241, 242) }
```

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

Here you see how a box with a 4 pixel rgb(236, 241, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 241, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 241, 242); box-shadow:4px 4px 4px 4px rgb(236, 241, 242) }
```

Background

The CSS property to change the background color of an element to RGB 236, 241, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(236, 241, 242) }
```

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

```
.background{ background-color:rgb(236,
241, 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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