

Converting Colors

RGB(242, 250, 252)

Have a look what the booklet for
RGB(242, 250, 252) contains.

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Color

RGB(242, 250, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F2FAFC
RGB	242, 250, 252
RGB Percent	95%, 98%, 99%
CMY	0.0510, 0.0196, 0.0118
CMYK	0.04, 0.01, 0.00, 0.01
HSL	192°, 63%, 97%
HSV	192°, 4%, 99%
XYZ	88.3742, 94.2767, 105.6349
YIQ	247.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

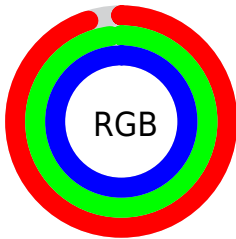
Format	Color
R _Y B	242, 246, 252
Decimal	15923964
CIE Lab	97.74, -2.26, -1.88
CIE LCh	98, 2.940, 219.795
Yxy	94.2767, 0.3066, 0.3270
Android (android.graphics.Color)	4294114044 (0xFF2FAFC)
YUV	247.8360, 2.0529, -5.1182
Hunter-Lab	97.0962, -7.4527, 3.4634

Details

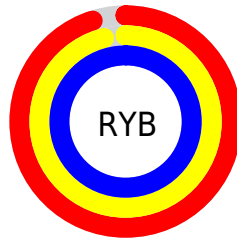
The RGB color 242, 250, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 252, 244, 242, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 186, 194, 195 is the 20% darker color. If you saturate the color by 10%, you get 217, 245, 252, and if you desaturate by 10%, it is 255, 255, 252.

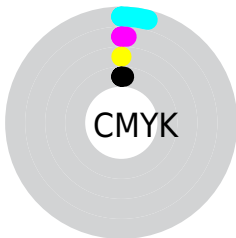
Distribution



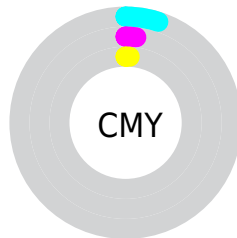
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 250, 252 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 242, 250, 252 by changing the saturation by 10% instead.

 242, 250, 252

 242, 250, 252

255, 255, 255


 214, 221, 223

 186, 194, 195


 159, 166, 168

 133, 140, 142

 108, 115, 116

 83, 90, 92

 60, 67, 68

 38, 45, 46

 18, 24, 25

242, 250, 252

242, 250, 252

217, 245, 252

255, 255, 252

192, 240, 252

166, 235, 252

141, 230, 252

116, 225, 252

91, 220, 252

66, 215, 252

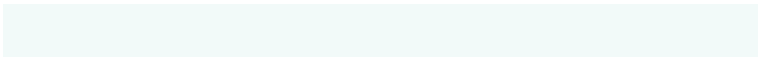
40, 210, 252

15, 205, 252

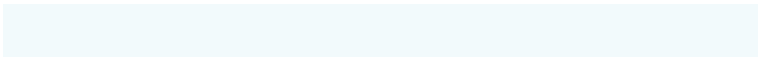
Harmonies

Analogous

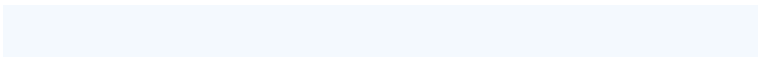
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 250, 249



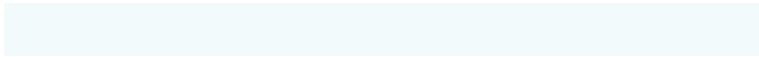
242, 250, 252



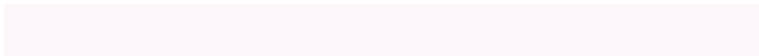
244, 249, 254

Triad

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



242, 250, 252



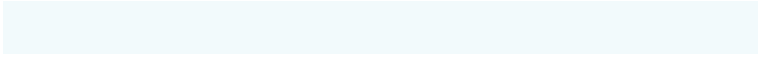
253, 247, 251



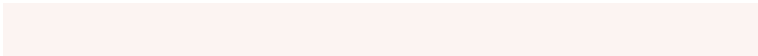
250, 249, 243

Complementary

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



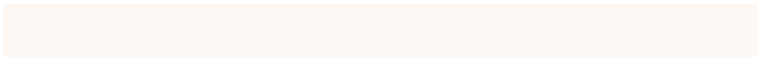
242, 250, 252



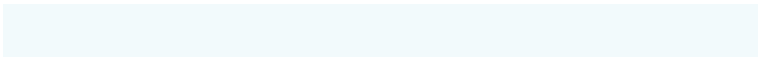
252, 244, 242

Split Complementary

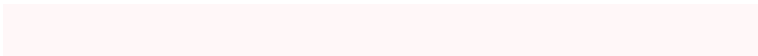
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 248, 243



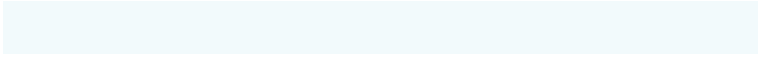
242, 250, 252



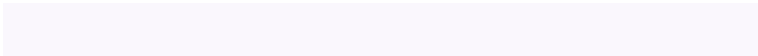
255, 247, 248

Square

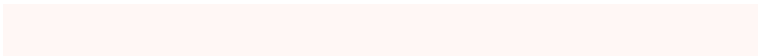
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 250, 252



250, 247, 253



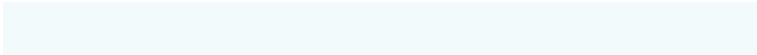
255, 247, 245



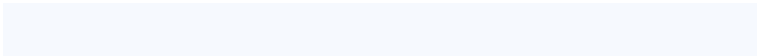
247, 249, 244

Rectangle

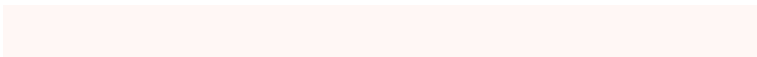
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 250, 252



246, 249, 254



255, 247, 245



251, 248, 243

Sweetspot

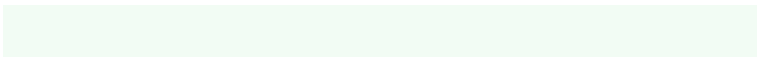
The Sweet Spot groups the original color and five complimentary colors.



242, 250, 252



252, 254, 255



242, 252, 244



126, 127, 128



0, 0, 0



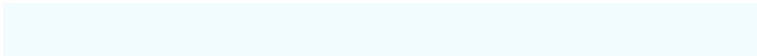
128, 128, 128

Same Dimension

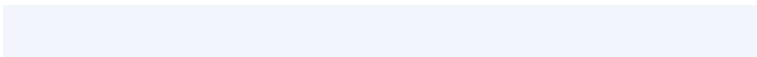
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 250, 252



242, 252, 255



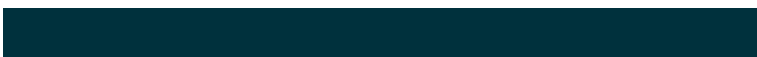
242, 245, 252



117, 123, 125



0, 151, 189



0, 49, 61

Inverse Universe

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



252, 242, 250



255, 242, 252



252, 249, 242



125, 117, 123



189, 0, 151



61, 0, 49

Previews

White Background



This preview shows how the RGB color 242, 250, 252 looks on a white background.

Color Contrast Check

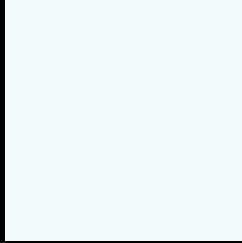
Large Text (above 18pt) WCAG AA × Fail

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 242, 250, 252 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 242, 250, 252 Background



This preview shows how black text looks on a background with the RGB color 242, 250, 252.

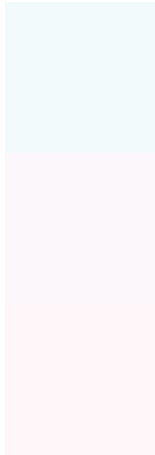


This preview shows how white text looks on a background with the RGB color 242, 250, 252.

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
242, 250, 252

Protanopia
252, 247, 250

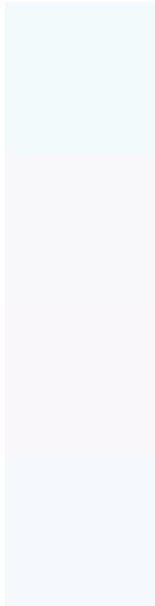
Deuteranopia
255, 246, 250



Tritanopia

247, 248, 255

Trichromacy



Original Color

242, 250, 252

Protanomaly

248, 248, 251

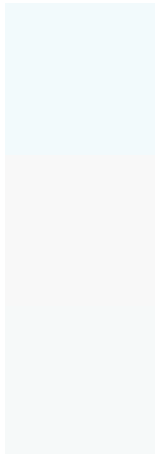
Deuteranomaly

250, 247, 251

Tritanomaly

245, 249, 254

Monochromacy



Original Color

242, 250, 252

Achromatopsia

248, 248, 248

Achromatomaly

246, 249, 249

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 250, 252 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(242, 250, 252) looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 252)  
}
```

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(242, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 252) }
```

Border

The CSS property to change the border of an element to RGB 242, 250, 252 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(242, 250, 252) }
```

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

```
.border{ border-color:rgb(242, 250, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 242, 250, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 252) }
```

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

```
.background{ background-color: rgb(242,  
250, 252) }
```

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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