

Converting Colors

RGB(245, 246, 255)

Have a look what the booklet for
RGB(245, 246, 255) contains.

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Color

RGB(245, 246, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F5F6FF
RGB	245, 246, 255
RGB Percent	96%, 96%, 100%
CMY	0.0392, 0.0353, 0.0000
CMYK	0.04, 0.04, 0.00, 0.00
HSL	234°, 100%, 98%
HSV	234°, 4%, 100%
XYZ	88.6620, 92.5440, 107.7975
YIQ	246.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

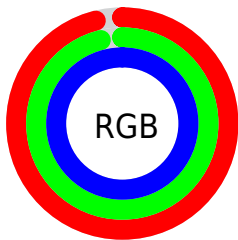
Format	Color
R _Y B	245, 246, 255
Decimal	16119551
CIE Lab	97.04, 1.29, -4.43
CIE LCh	97, 4.617, 286.251
Yxy	92.5440, 0.3068, 0.3202
Android (android.graphics.Color)	4294309631 (0xFF5F6FF)
YUV	246.7270, 4.0786, -1.5146
Hunter-Lab	96.1998, -3.8362, 0.9019

Details

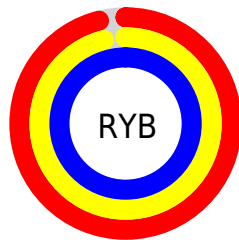
The RGB color `245, 246, 255` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `255, 254, 245`, and the grayscale version is `247, 247, 247`.

A 20% lighter version of the original color is `255, 255, 255`, and `189, 190, 198` is the 20% darker color. If you saturate the color by 10%, you get `220, 223, 255`, and if you desaturate by 10%, it is `255, 255, 255`.

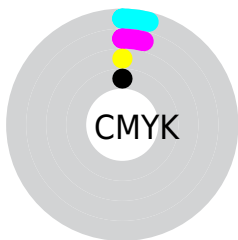
Distribution



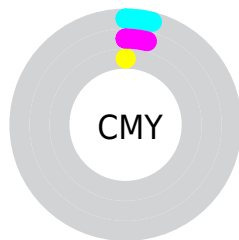
- Red (96%)
- Green (96%)
- Blue (100%)



- Red (96%)
- Yellow (96%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 246, 255 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 245, 246, 255 by changing the saturation by 10% instead.

 245, 246, 255


255, 255, 255

 245, 246, 255

 217, 218, 226

 189, 190, 198


 162, 163, 171


 136, 136, 145

 110, 111, 119

 86, 87, 94

 63, 64, 71

 41, 42, 48

 20, 21, 27

245, 246, 255

245, 246, 255

220, 223, 255

255, 255, 255

194, 200, 255

169, 177, 255

143, 154, 255

118, 131, 255

92, 108, 255

66, 85, 255

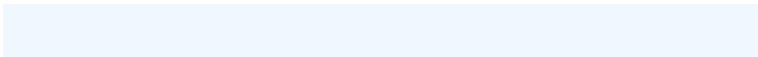
41, 62, 255

16, 39, 255

Harmonies

Analogous

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



240, 247, 255



245, 246, 255



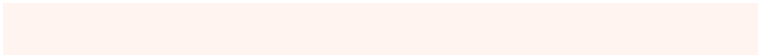
250, 245, 253

Triad

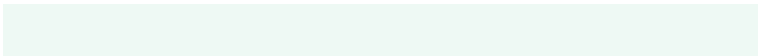
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 246, 255



255, 244, 240



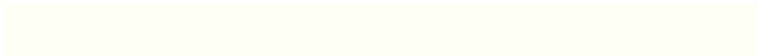
238, 249, 244

Complementary

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



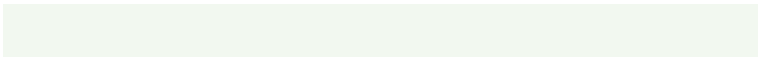
245, 246, 255



255, 254, 245

Split Complementary

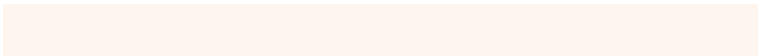
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 248, 240



245, 246, 255



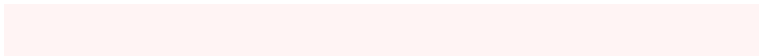
253, 245, 238

Square

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



245, 246, 255



255, 244, 244



248, 247, 238



236, 249, 249

Rectangle

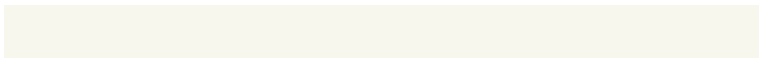
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 246, 255



253, 244, 250



248, 247, 238



239, 249, 243

Sweetspot

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



245, 246, 255



252, 253, 255



245, 255, 254



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



245, 246, 255



242, 244, 255



249, 245, 255



120, 121, 128



0, 19, 191



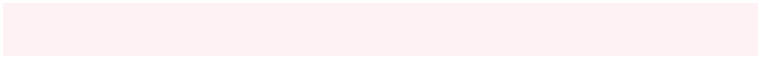
0, 6, 64

Inverse Universe

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



255, 245, 246



255, 242, 244



251, 255, 245



128, 120, 121



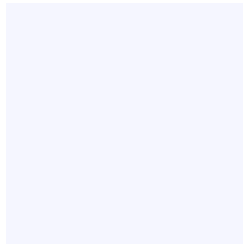
191, 0, 19



64, 0, 6

Previews

White Background



This preview shows how the RGB color 245, 246, 255 looks on a white background.

Color Contrast Check

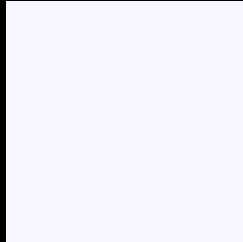
Large Text (above 18pt) WCAG AA × Fail

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 245, 246, 255 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

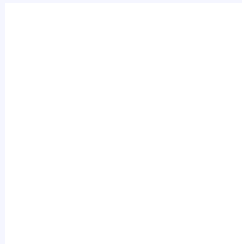
Any Text WCAG AAA ✓ Pass

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

RGB 245, 246, 255 Background



This preview shows how black text looks on a background with the RGB color 245, 246, 255.

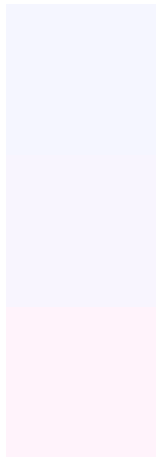


This preview shows how white text looks on a background with the RGB color 245, 246, 255.

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
245, 246, 255

Protanopia
248, 245, 254

Deuteranopia
255, 243, 251



Tritanopia

246, 246, 255

Trichromacy



Original Color

245, 246, 255

Protanomaly

247, 245, 254

Deuteranomaly

251, 244, 252

Tritanomaly

246, 246, 255

Monochromacy



Original Color

245, 246, 255

Achromatopsia

247, 247, 247

Achromatomaly

246, 247, 250

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 246, 255 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(245, 246, 255) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 255)  
}
```

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(245, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 255) }
```

Border

The CSS property to change the border of an element to RGB 245, 246, 255 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(245, 246, 255) }
```

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

```
.border{ border-color:rgb(245, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 245, 246, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 255) }
```

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

```
.background{ background-color: rgb(245,  
246, 255) }
```

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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