

Converting Colors

RGB(225, 226, 243)

Have a look what the booklet for
RGB(225, 226, 243) contains.

RGB(225, 226, 243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(225, 226, 243)

Conversions

Conversions Part 1

Format	Color
Hex	E1E2F3
RGB	225, 226, 243
RGB Percent	88%, 89%, 95%
CMY	0.1176, 0.1137, 0.0471
CMYK	0.07, 0.07, 0.00, 0.05
HSL	237°, 43%, 92%
HSV	237°, 7%, 95%
XYZ	74.4254, 76.8713, 95.7090
YIQ	227.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

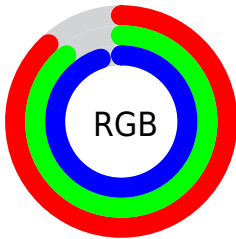
Format	Color
R_{YB}	225, 226, 243
Decimal	14803699
CIE _{Lab}	90.26, 2.83, -8.37
CIE _{LCh}	90, 8.838, 288.658
Y _{xy}	76.8713, 0.3013, 0.3112
Android (android.graphics.Color)	4292993779 (0xFFE1E2F3)
Y _{UV}	227.6390, 7.5730, -2.3144
Hunter-Lab	87.6763, -1.9111, -3.3486

Details

The RGB color **225, 226, 243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **243, 242, 225**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 171, 187** is the 20% darker color. If you saturate the color by 10%, you get **201, 203, 243**, and if you desaturate by 10%, it is **249, 249, 243**.

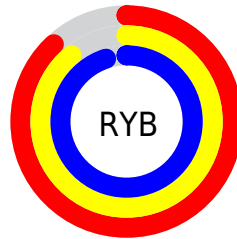
Distribution



Red (88%)

Green (89%)

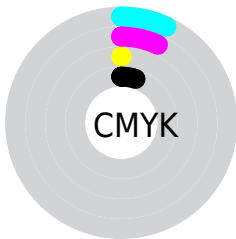
Blue (95%)



Red (88%)

Yellow (89%)

Blue (95%)

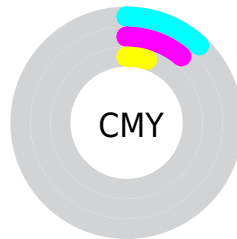


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 226, 243 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 225, 226, 243 by changing the saturation by 10% instead.

■ 225, 226, 243

255, 255, 255

■ 225, 226, 243

■ 197, 198, 215

■ 170, 171, 187

■ 143, 144, 160

■ 118, 119, 134

■ 93, 94, 108

■ 69, 70, 84


■ 47, 48, 61

■ 26, 27, 39

■ 0, 0, 19

 225, 226, 243


 225, 226, 243

 201, 203, 243

 249, 249, 243

 176, 180, 243

 255, 255, 243

 152, 157, 243


 128, 134, 243

 103, 111, 243

 79, 88, 243

 55, 65, 243

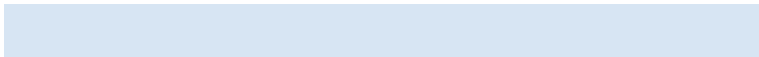
 31, 42, 243

 6, 19, 243

Harmonies

Analogous

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



215, 229, 243



225, 226, 243



235, 223, 238

Triad

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



225, 226, 243



244, 223, 215



211, 232, 223

Complementary

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



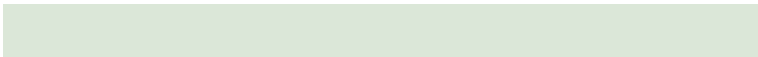
225, 226, 243



243, 242, 225

Split Complementary

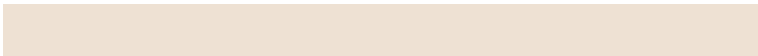
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 231, 216



225, 226, 243



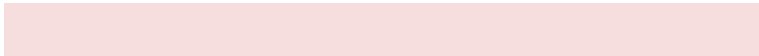
238, 225, 211

Square

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



225, 226, 243



246, 222, 222



229, 228, 211



207, 232, 232

Rectangle

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



225, 226, 243



241, 222, 233



229, 228, 211



213, 232, 221

Sweetspot

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



225, 226, 243



250, 250, 255



225, 243, 242



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 226, 243



232, 233, 255



233, 225, 243



110, 111, 122



0, 10, 186



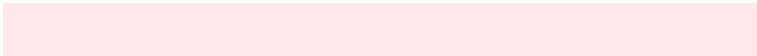
0, 3, 59

Inverse Universe

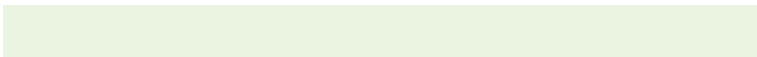
The Inverse Universe completely reimagines the original color for something new.



243, 225, 226



255, 232, 233



235, 243, 225



122, 110, 111



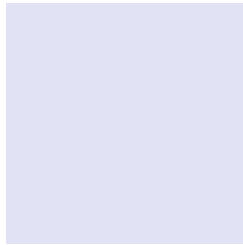
186, 0, 10



59, 0, 3

Previews

White Background



This preview shows how the RGB color 225, 226, 243 looks on a white background.

Color Contrast Check

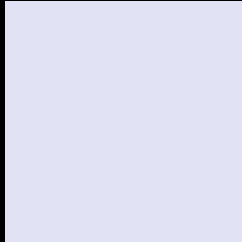
Large Text (above 18pt) WCAG AA × Fail

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 225, 226, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

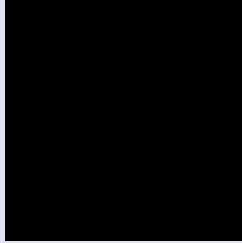
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

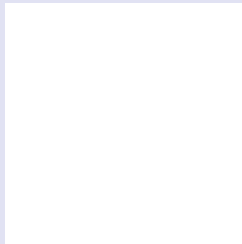
Any Text WCAG AAA ✓ Pass

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

RGB 225, 226, 243 Background



This preview shows how black text looks on a background with the RGB color 225, 226, 243.

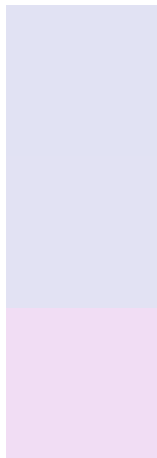


This preview shows how white text looks on a background with the RGB color 225, 226, 243.

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
225, 226, 243

Protanopia
226, 226, 243

Deuteranopia
241, 221, 244



Tritanopia
225, 226, 244

Trichromacy



Original Color

225, 226, 243

Protanomaly

226, 226, 243

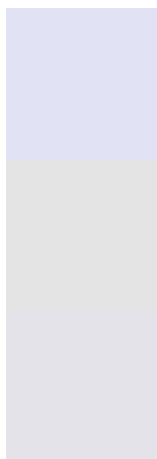
Deuteranomaly

235, 223, 244

Tritanomaly

225, 226, 244

Monochromacy



Original Color

225, 226, 243

Achromatopsia

228, 228, 228

Achromatomaly

227, 227, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 226, 243 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(225, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 243)  
}
```

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(225, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 243) }
```

Border

The CSS property to change the border of an element to RGB 225, 226, 243 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(225, 226, 243) }
```

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

```
.border{ border-color:rgb(225, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 226, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 226, 243); box-shadow:4px 4px 4px 4px rgb(225, 226, 243) }
```

Background

The CSS property to change the background color of an element to RGB 225, 226, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 243) }
```

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

```
.background{ background-color: rgb(225,  
226, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor