

Converting Colors

RGB(202, 203, 255)

Have a look what the booklet for
RGB(202, 203, 255) contains.

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Color

RGB(202, 203, 255)

Conversions

Conversions Part 1	
Format	Color
Hex	CACBFF
RGB	202, 203, 255
RGB Percent	79%, 80%, 100%
CMY	0.2078, 0.2039, 0.0000
CMYK	0.21, 0.20, 0.00, 0.00
HSL	239°, 100%, 90%
HSV	239°, 21%, 100%
XYZ	63.7631, 62.4884, 103.3085
YIQ	208.6290, -17.2880, 15.9600

Conversions

Conversions Part 2

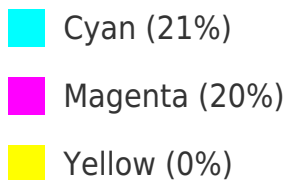
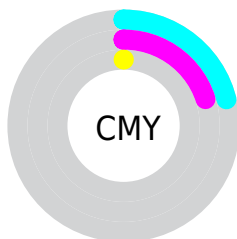
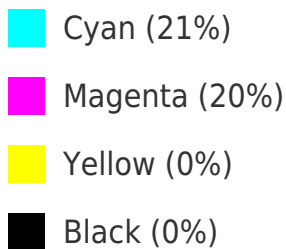
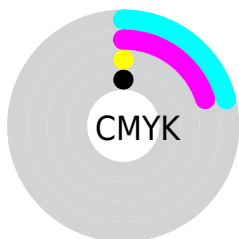
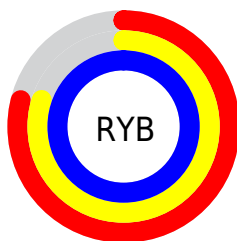
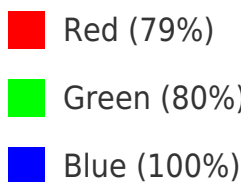
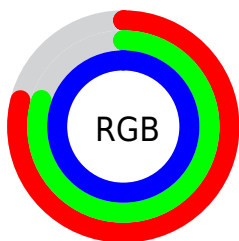
Format	Color
RYB	202, 203, 255
Decimal	13290495
CIELab	83.17, 10.24, -25.54
CIELCh	83, 27.515, 291.840
Yxy	62.4884, 0.2778, 0.2722
Android (android.graphics.Color)	4291480575 (0xFFCACBFF)
YUV	208.6290, 22.8609, -5.8136
Hunter-Lab	79.0496, 5.6449, -22.1503

Details

The RGB color **202, 203, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **255, 254, 202**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 149, 198** is the 20% darker color. If you saturate the color by 10%, you get **177, 178, 255**, and if you desaturate by 10%, it is **227, 228, 255**.

Distribution



Brightness & Saturation Gradients


These gradients show how the RGB color 202, 203, 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 202, 203, 255 by changing the saturation by 10% instead.


 202, 203, 255

 202, 203, 255

255, 255, 255

 174, 176, 226

 147, 149, 198

 121, 123, 171

 95, 98, 144

 70, 75, 118

 46, 52, 93


 22, 31, 70

 0, 7, 47


 0, 1, 26

 202, 203, 255

 202, 203, 255

 177, 178, 255


 227, 228, 255

 151, 153, 255

 253, 253, 255

 125, 128, 255

255, 255, 255

 100, 103, 255

 75, 78, 255

 49, 53, 255

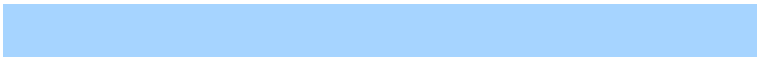
 24, 28, 255

 0, 5, 255

Harmonies

Analogous

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



166, 212, 255



202, 203, 255



234, 194, 239

Triad

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



202, 203, 255



252, 195, 167



149, 221, 199

Complementary

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



202, 203, 255



255, 254, 202

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.



177, 218, 175



202, 203, 255



233, 203, 156

Square

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



202, 203, 255



255, 189, 189



206, 211, 159



133, 222, 225

Rectangle

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



202, 203, 255



249, 190, 224



206, 211, 159



158, 221, 190

Sweetspot

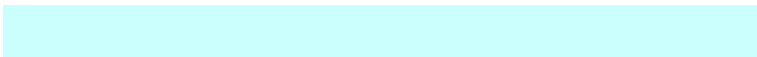
The Sweet Spot groups the original color and five complimentary colors.



202, 203, 255



240, 240, 255



202, 255, 253



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



202, 203, 255



191, 192, 255



227, 202, 255



115, 115, 128



0, 4, 191



0, 1, 64

Inverse Universe

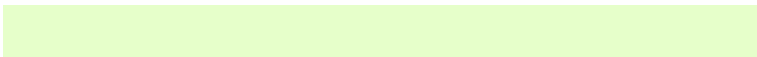
The Inverse Universe completely reimagines the original color for something new.



255, 202, 203



255, 191, 192



230, 255, 202



128, 115, 115



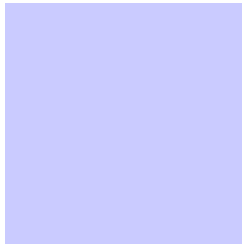
191, 0, 4



64, 0, 1

Previews

White Background



This preview shows how the RGB color 202, 203, 255 looks on a white background.

Color Contrast Check

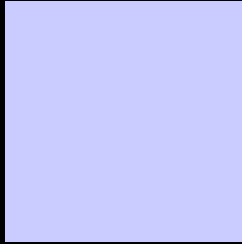
Large Text (above 18pt) WCAG AA × Fail

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 202, 203, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

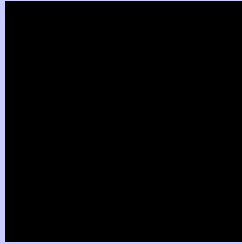
Any Text WCAG AA ✓ Pass

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 202, 203, 255 Background



This preview shows how black text looks on a background with the RGB color 202, 203, 255.



This preview shows how white text looks on a background with the RGB color 202, 203, 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
[202](#), [203](#), [255](#)

Protanopia
[195](#), [205](#), [255](#)

Deuteranopia
[203](#), [203](#), [255](#)



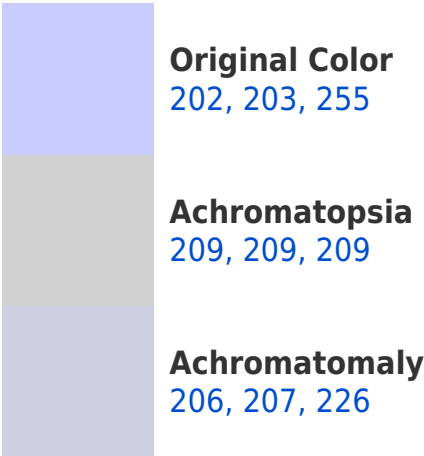
Tritanopia

196, 208, 225

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 203, 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(202, 203, 255) looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 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(202, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 255) }
```

Border

The CSS property to change the border of an element to RGB 202, 203, 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(202, 203, 255) }
```

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

```
.border{ border-color:rgb(202, 203, 255) }
```

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

Here you see how a box with a 4 pixel rgb(202, 203, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 202, 203, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 255) }
```

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

```
.background{ background-color: rgb(202,  
203, 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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