

Converting Colors

RGB(98, 98, 200)

Have a look what the booklet for
RGB(98, 98, 200) contains.

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Color

RGB(98, 98, 200)

Conversions

Conversions Part 1

Format	Color
Hex	6262C8
RGB	98, 98, 200
RGB Percent	38%, 38%, 78%
CMY	0.6157, 0.6157, 0.2157
CMYK	0.51, 0.51, 0.00, 0.22
HSL	240°, 48%, 58%
HSV	240°, 51%, 78%
XYZ	19.8300, 15.5022, 56.5906
YIQ	109.6280, -32.7420, 31.7220

Conversions

Conversions Part 2

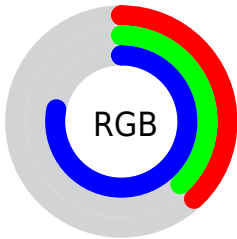
Format	Color
R_{YB}	98, 98, 200
Decimal	6447816
CIE _{Lab}	46.31, 27.95, -53.36
CIE _{LCh}	46, 60.241, 297.647
Yxy	15.5022, 0.2157, 0.1686
Android (android.graphics.Color)	4284637896 (0xFF6262C8)
YUV	109.6280, 44.5534, -10.1978
Hunter-Lab	39.3728, 20.9987, -57.6568

Details

The RGB color **98, 98, 200** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **200, 200, 98**, and the grayscale version is **109, 109, 109**.

A 20% lighter version of the original color is **155, 149, 255**, and **36, 52, 145** is the 20% darker color. If you saturate the color by 10%, you get **78, 78, 200**, and if you desaturate by 10%, it is **118, 118, 200**.

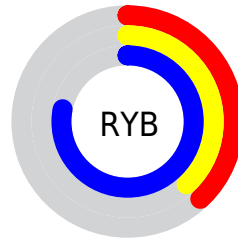
Distribution



Red (38%)

Green (38%)

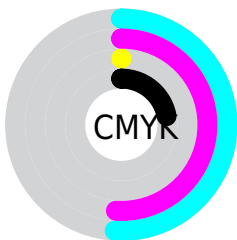
Blue (78%)



Red (38%)

Yellow (38%)

Blue (78%)

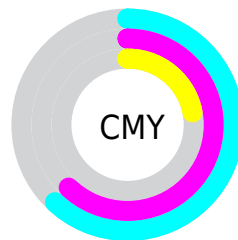


Cyan (51%)

Magenta (51%)

Yellow (0%)

Black (22%)



Cyan (62%)

Magenta (62%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 98, 200 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 98, 98, 200 by changing the saturation by 10% instead.


 98, 98, 200


 98, 98, 200

255, 255, 255

 69, 74, 172


 155, 149, 255

 36, 52, 145

 184, 175, 255

 0, 31, 119

 213, 203, 255

 0, 11, 94

 242, 231, 255

 0, 0, 69

 0, 4, 46

 0, 1, 24

 0, 0, 0

 98, 98, 200

 98, 98, 200


 78, 78, 200

 118, 118, 200

 58, 58, 200

 138, 138, 200

 38, 38, 200

 158, 158, 200

 18, 18, 200

 178, 178, 200

 0, 0, 200

 198, 198, 200

 218, 218, 200

 238, 238, 200

 255, 255, 200

Harmonies

Analogous

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



0, 117, 211



98, 98, 200



166, 73, 165

Triad

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



98, 98, 200



173, 85, 18



0, 132, 104

Complementary

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



98, 98, 200



200, 200, 98

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.



0, 128, 52



98, 98, 200



136, 106, 0

Square

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



98, 98, 200



196, 62, 66



87, 120, 0



0, 132, 155

Rectangle

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



98, 98, 200



189, 58, 133



87, 120, 0



0, 131, 86

Sweetspot

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



98, 98, 200



217, 217, 255



98, 200, 200



105, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



98, 98, 200



99, 99, 255



149, 98, 200



90, 90, 99



0, 0, 163



0, 0, 36

Inverse Universe

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



200, 98, 200



255, 99, 255



149, 200, 98



99, 90, 99



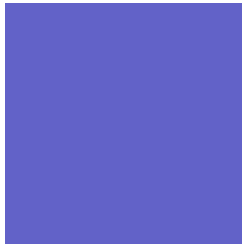
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RGB color 98, 98, 200 looks on a white background.

Color Contrast Check

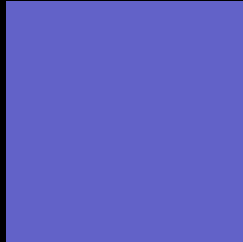
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 98, 98, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

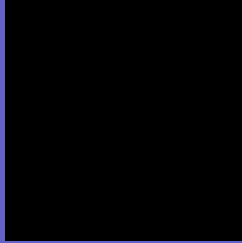
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 98, 98, 200 Background



This preview shows how black text looks on a background with the RGB color 98, 98, 200.

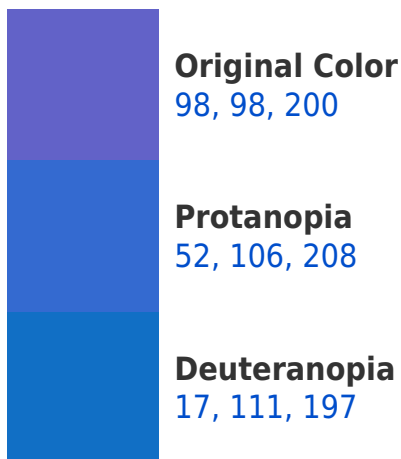


This preview shows how white text looks on a background with the RGB color 98, 98, 200.

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





Tritanopia

74, 116, 126

Trichromacy



Original Color

98, 98, 200

Protanomaly

69, 103, 205

Deuteranomaly

46, 106, 198

Tritanomaly

83, 109, 153

Monochromacy



Original Color

98, 98, 200

Achromatopsia

110, 110, 110

Achromatomaly

106, 106, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 98, 200 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(98, 98, 200)` looks like.

```
.text, #text, p{  
    color:rgb(98, 98, 200)  
}
```

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(98, 98, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 98, 200) }
```

Border

The CSS property to change the border of an element to RGB 98, 98, 200 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(98, 98, 200) }
```

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

```
.border{ border-color:rgb(98, 98, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 98, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 98, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 98, 200);  
box-shadow:4px 4px 4px 4px rgb(98, 98,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 98, 98, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 98, 200) }
```

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

```
.background{ background-color: rgb(98, 98,  
200) }
```

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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