

Converting Colors

R_YB(98, 112, 213)

Have a look what the booklet for
RYB(98, 112, 213) contains.

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Color

R_YB(98, 112, 213)

Conversions

Conversions Part 1

Format	Color
Hex	6272D5
RGB	98, 114, 213
RGB Percent	38%, 45%, 84%
CMY	0.6157, 0.5532, 0.1647
CMYK	0.54, 0.47, 0.00, 0.16
HSL	232°, 58%, 61%
HSV	232°, 54%, 84%
XYZ	23.0579, 19.4220, 65.4843
YIQ	120.5020, -41.3150, 27.3970

Conversions

Conversions Part 2

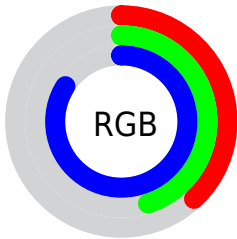
Format	Color
R _Y B	98, 112, 213
Decimal	6451925
CIE Lab	51.18, 22.28, -53.00
CIE LCh	51, 57.490, 292.803
Yxy	19.4220, 0.2136, 0.1799
Android (android.graphics.Color)	4284642005 (0xFF6272D5)
YUV	120.5020, 45.6015, -19.7343
Hunter-Lab	44.0704, 16.2689, -57.2499

Details

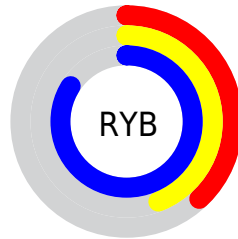
The RYB color **98, 112, 213** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **117, 213, 98**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **156, 165, 255**, and **33, 60, 158** is the 20% darker color. If you saturate the color by 10%, you get **77, 94, 213**, and if you desaturate by 10%, it is **119, 130, 213**.

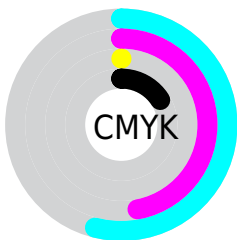
Distribution



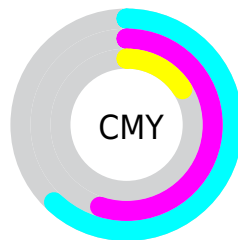
- Red (38%)
- Green (45%)
- Blue (84%)



- Red (38%)
- Yellow (44%)
- Blue (84%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 112, 213 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 RYB color 98, 112, 213 by changing the saturation by 10% instead.



98, 112, 213



98, 112, 213

255, 255, 255



68, 87, 185



156, 165, 255



33, 59, 158



185, 192, 255



0, 33, 131



214, 219, 255



0, 20, 105



244, 247, 255



0, 0, 80



0, 5, 56



0, 2, 34



0, 0, 8



0, 0, 0

■ 98, 112, 213

■ 98, 112, 213

■ 77, 94, 213

■ 119, 130, 213

■ 55, 74, 213

■ 141, 150, 213

■ 34, 56, 213

■ 162, 168, 213

■ 13, 38, 213

■ 183, 187, 213

■ 0, 26, 213

■ 205, 206, 213

■ 215, 226, 213

■ 219, 247, 213

■ 213, 255, 213

Harmonies

Analogous

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



0, 82, 220



98, 112, 213



169, 91, 182

Triad

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



98, 112, 213



191, 123, 43



0, 82, 144

Complementary

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



98, 112, 213



117, 213, 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.



41, 125, 140



98, 112, 213



58, 156, 2

Square

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



98, 112, 213



209, 76, 87



13, 130, 33



0, 76, 159

Rectangle

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



98, 112, 213



196, 78, 152



13, 130, 33



0, 87, 143

Sweetspot

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



98, 112, 213



214, 219, 255



98, 160, 213



103, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



98, 112, 213



89, 109, 255



138, 98, 213



96, 98, 107



0, 21, 171



0, 5, 43

Inverse Universe

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



213, 98, 114



255, 89, 112



98, 213, 138



107, 96, 98



171, 0, 24



43, 0, 6

Previews

White Background



This preview shows how the RYB color 98, 112, 213 looks on a white background.

Color Contrast Check

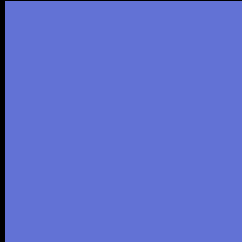
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 98, 112, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

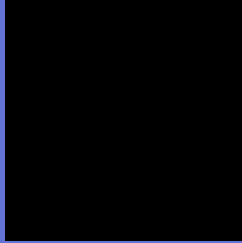
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

R Y B 98, 112, 213 Background



This preview shows how black text looks on a background with the RYB color 98, 112, 213.

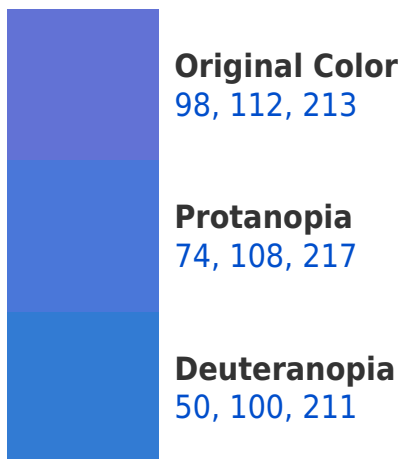


This preview shows how white text looks on a background with the RYB color 98, 112, 213.

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
73, 104, 141

Trichromacy



Original Color
98, 112, 213

Protanomaly
83, 110, 216

Deuteranomaly
67, 106, 212

Tritanomaly
82, 110, 167

Monochromacy



Original Color
98, 112, 213

Achromatopsia
120, 120, 120

Achromatomaly
112, 117, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 112, 213 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, 114, 213)` looks like.

```
.text, #text, p{  
    color:rgb(98, 114, 213)  
}
```

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, 114, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 114, 213) }
```

Border

The CSS property to change the border of an element to RYB 98, 112, 213 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, 114, 213) }
```

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

```
.border{ border-color:rgb(98, 114, 213) }
```

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

Here you see how a box with a 4 pixel rgb(98, 114, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 114, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 114, 213);  
box-shadow:4px 4px 4px 4px rgb(98, 114,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 98, 114, 213 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 114, 213) }
```

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

```
.background{ background-color: rgb(98, 114,  
213) }
```

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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