

Converting Colors

`RYB(108, 132, 198)`

Have a look what the booklet for
RYB(108, 132, 198) contains.

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Color

R_YB(108, 132, 198)

Conversions

Conversions Part 1

Format	Color
Hex	6C8DC6
RGB	108, 141, 198
RGB Percent	42%, 55%, 78%
CMY	0.5765, 0.4481, 0.2235
CMYK	0.45, 0.29, 0.00, 0.22
HSL	218°, 44%, 60%
HSV	218°, 45%, 78%
XYZ	25.8621, 26.2348, 57.1268
YIQ	137.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

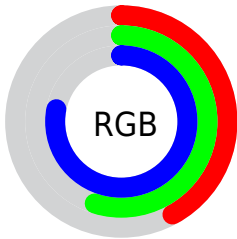
Format	Color
RYB	108, 132, 198
Decimal	7114182
CIELab	58.26, 3.92, -33.28
CIELCh	58, 33.505, 276.714
Yxy	26.2348, 0.2368, 0.2402
Android (android.graphics.Color)	4285304262 (0xFF6C8DC6)
YUV	137.6310, 29.7619, -25.9864
Hunter-Lab	51.2199, 0.4939, -30.2737

Details

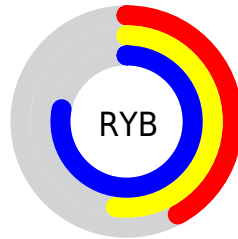
The RYB color **108, 132, 198** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **160, 198, 108**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **163, 186, 255**, and **53, 80, 144** is the 20% darker color. If you saturate the color by 10%, you get **88, 117, 198**, and if you desaturate by 10%, it is **128, 146, 198**.

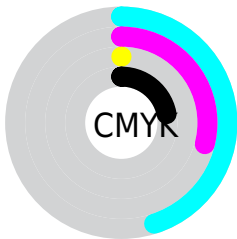
Distribution



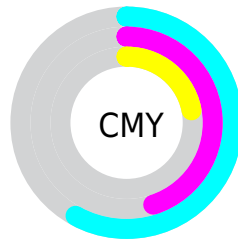
- Red (42%)
- Green (55%)
- Blue (78%)



- Red (42%)
- Yellow (52%)
- Blue (78%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (58%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 132, 198 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 108, 132, 198 by changing the saturation by 10% instead.

■ 108, 132, 198

255, 255, 255

■ 163, 186, 255

■ 191, 212, 255

■ 220, 236, 255

■ 249, 252, 255

■ 108, 132, 198

■ 81, 106, 171

■ 53, 80, 144

■ 20, 52, 118

■ 0, 31, 93

■ 0, 19, 69

■ 0, 4, 46

■ 0, 1, 25

■ 0, 0, 0

■ 108, 132, 198

■ 108, 132, 198

■ 88, 117, 198

■ 128, 146, 198

■ 68, 103, 198

■ 148, 161, 198

■ 49, 89, 198

■ 167, 176, 198

■ 29, 74, 198

■ 187, 190, 198

■ 9, 60, 198

■ 203, 207, 198

■ 0, 53, 198

■ 216, 227, 198

■ 226, 247, 198

■ 215, 255, 198

■ 199, 255, 198

Harmonies

Analogous

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



54, 110, 193



108, 132, 198



152, 130, 187

Triad

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



108, 132, 198



194, 124, 106



85, 133, 154

Complementary

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



108, 132, 198



160, 198, 108

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.



92, 149, 120



108, 132, 198



178, 169, 87

Square

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



108, 132, 198



196, 117, 134



97, 153, 81



41, 101, 156

Rectangle

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



108, 132, 198



174, 123, 173



97, 153, 81



98, 144, 152

Sweetspot

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



108, 132, 198



219, 229, 255



108, 163, 198



106, 112, 128



0, 0, 0



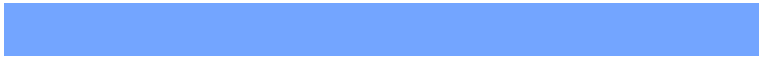
128, 128, 128

Same Dimension

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



108, 132, 198



115, 152, 255



120, 108, 198



90, 92, 99



0, 43, 163



0, 10, 36

Inverse Universe

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



198, 108, 141



255, 115, 166



108, 198, 120



99, 90, 93



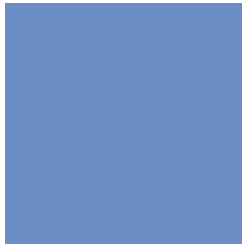
163, 0, 59



36, 0, 13

Previews

White Background



This preview shows how the RYB color 108, 132, 198 looks on a white background.

Color Contrast Check

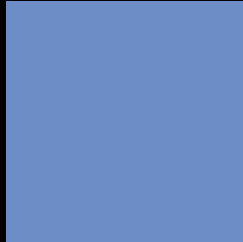
Large Text (above 18pt) WCAG AA ✓ Pass

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 108, 132, 198 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

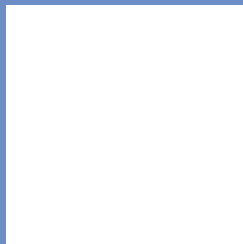
Any Text WCAG AAA × Fail

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

RYB 108, 132, 198 Background



This preview shows how black text looks on a background with the RYB color 108, 132, 198.

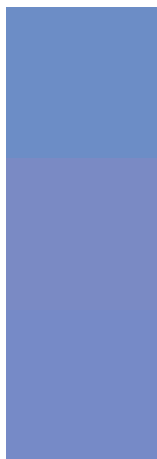


This preview shows how white text looks on a background with the RYB color 108, 132, 198.

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

108, 132, 198

Protanopia

122, 135, 196

Deuteranopia

118, 134, 199



Tritanopia
97, 125, 160

Trichromacy



Original Color
108, 132, 198

Protanomaly
117, 134, 197

Deuteranomaly
114, 133, 199

Tritanomaly
101, 128, 174

Monochromacy



Original Color
108, 132, 198

Achromatopsia
137, 137, 137

Achromatomaly
126, 135, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 132, 198 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(108, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(108, 141, 198)  
}
```

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(108, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 141, 198) }
```

Border

The CSS property to change the border of an element to RYB 108, 132, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

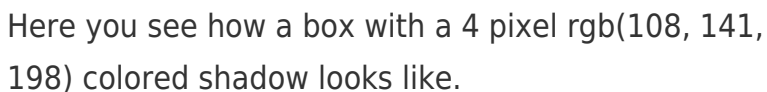
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 141, 198) }
```

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

```
.border{ border-color:rgb(108, 141, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 141, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 141, 198); box-shadow:4px 4px 4px 4px rgb(108, 141, 198) }
```

Background

The CSS property to change the background color of an element to RYB 108, 132, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 141, 198) }
```

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

```
.background{ background-color: rgb(108,  
141, 198) }
```

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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