

Converting Colors

`RYB(108, 46, 158)`

Have a look what the booklet for
RYB(108, 46, 158) contains.

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Color

R_YB(108, 46, 158)

Conversions

Conversions Part 1

Format	Color
Hex	6C2E9E
RGB	108, 46, 158
RGB Percent	42%, 18%, 62%
CMY	0.5765, 0.8196, 0.3804
CMYK	0.32, 0.71, 0.00, 0.38
HSL	273°, 55%, 40%
HSV	273°, 71%, 62%
XYZ	13.3329, 7.6108, 33.1141
YIQ	77.3060, 1.0000, 47.9760

Conversions

Conversions Part 2

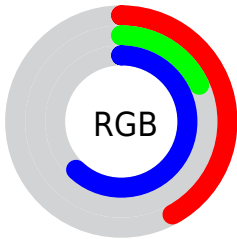
Format	Color
R_{YB}	108, 46, 158
Decimal	7089822
CIE _{Lab}	33.16, 47.90, -49.74
CIE _{LCh}	33, 69.058, 313.923
Yxy	7.6108, 0.2466, 0.1408
Android (android.graphics.Color)	4285279902 (0xFF6C2E9E)
YUV	77.3060, 39.7821, 26.9186
Hunter-Lab	27.5876, 37.9895, -51.8559

Details

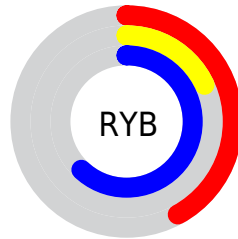
The RYB color **108, 46, 158** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **46, 158, 108**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **163, 97, 213**, and **54, 0, 106** is the 20% darker color. If you saturate the color by 10%, you get **101, 30, 158**, and if you desaturate by 10%, it is **115, 62, 158**.

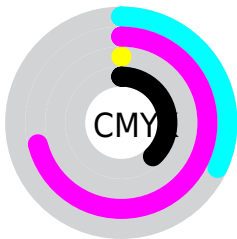
Distribution



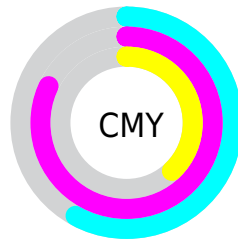
- Red (42%)
- Green (18%)
- Blue (62%)



- Red (42%)
- Yellow (18%)
- Blue (62%)



- Cyan (32%)
- Magenta (71%)
- Yellow (0%)
- Black (38%)



- Cyan (58%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 46, 158 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, 46, 158 by changing the saturation by 10% instead.

■ 108, 46, 158

255, 255, 255

■ 163, 97, 213

■ 192, 123, 242

■ 221, 150, 255

■ 250, 177, 255

■ 255, 205, 255

■ 255, 234, 255

■ 108, 46, 158

■ 81, 19, 131

■ 54, 0, 106

■ 27, 0, 81

■ 0, 0, 57

■ 0, 2, 34

■ 0, 0, 8

■ 0, 0, 0

■ 108, 46, 158

■ 101, 30, 158

■ 108, 46, 158

■ 115, 62, 158

94, 14, 158

122, 78, 158

87, 0, 158

129, 93, 158

136, 109, 158

143, 125, 158

150, 141, 158

157, 157, 158

158, 172, 166

158, 188, 175

Harmonies

Analogous

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



0, 54, 186



108, 46, 158



157, 0, 110

Triad

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



108, 46, 158



105, 120, 0



0, 51, 103

Complementary

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



108, 46, 158



46, 158, 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.



0, 67, 98



108, 46, 158



0, 84, 11

Square

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



108, 46, 158



154, 33, 0



0, 93, 93



0, 60, 154

Rectangle

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



108, 46, 158



168, 0, 74



0, 93, 93



0, 54, 99

Sweetspot

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



108, 46, 158



187, 163, 207



46, 81, 158



93, 78, 105



232, 232, 232



105, 105, 105

Same Dimension

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



108, 46, 158



128, 31, 207



158, 46, 152



76, 71, 79



79, 0, 143



8, 0, 15

Inverse Universe

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



158, 46, 96



207, 31, 109



46, 152, 158



79, 71, 75



143, 0, 64



15, 0, 7

Previews

White Background



This preview shows how the RYB color 108, 46, 158 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 ✓ Pass

Black Background



This preview shows how the RYB color 108, 46, 158 looks on a black 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

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

RYB 108, 46, 158 Background



This preview shows how black text looks on a background with the RYB color 108, 46, 158.

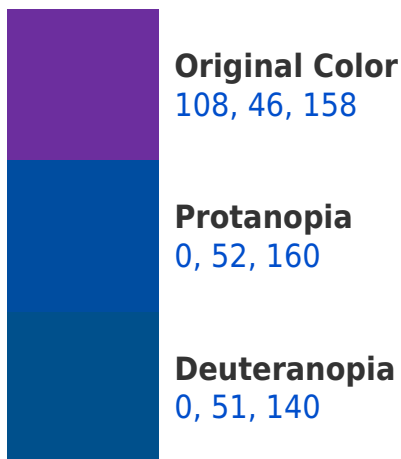


This preview shows how white text looks on a background with the RYB color 108, 46, 158.

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

93, 73, 79

Trichromacy



Original Color
108, 46, 158

Protanomaly
39, 60, 159

Deuteranomaly
39, 62, 147

Tritanomaly
98, 63, 108

Monochromacy



Original Color
108, 46, 158

Achromatopsia
77, 77, 77

Achromatomaly
88, 66, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 46, 158 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, 46, 158)` looks like.

```
.text, #text, p{  
    color:rgb(108, 46, 158)  
}
```

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, 46, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 46, 158) }
```

Border

The CSS property to change the border of an element to RYB 108, 46, 158 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, 46, 158) }
```

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

```
.border{ border-color:rgb(108, 46, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 46, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 46, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 46, 158);  
box-shadow:4px 4px 4px 4px rgb(108, 46,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 108, 46, 158 is called "background".

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

```
.background, #background, body{  
background: rgb(108, 46, 158) }
```

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

```
.background{ background-color: rgb(108, 46,  
158) }
```

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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