

Converting Colors

`RYB(134, 118, 208)`

Have a look what the booklet for
RYB(134, 118, 208) contains.

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Color

R_YB(134, 118, 208)

Conversions

Conversions Part 1

Format	Color
Hex	8676D0
RGB	134, 118, 208
RGB Percent	53%, 46%, 82%
CMY	0.4745, 0.5373, 0.1843
CMYK	0.36, 0.43, 0.00, 0.18
HSL	251°, 49%, 64%
HSV	251°, 43%, 82%
XYZ	27.6951, 22.5793, 62.5731
YIQ	133.0440, -19.3540, 31.3820

Conversions

Conversions Part 2

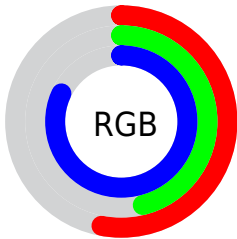
Format	Color
RYB	134, 118, 208
Decimal	8812240
CIELab	54.64, 27.01, -44.49
CIELCh	55, 52.052, 301.264
Yxy	22.5793, 0.2454, 0.2001
Android (android.graphics.Color)	4287002320 (0xFF8676D0)
YUV	133.0440, 36.9533, 0.8384
Hunter-Lab	47.5176, 20.8808, -44.8130

Details

The RYB color **134, 118, 208** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **118, 208, 134**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **190, 170, 255**, and **80, 69, 153** is the 20% darker color. If you saturate the color by 10%, you get **117, 97, 208**, and if you desaturate by 10%, it is **151, 139, 208**.

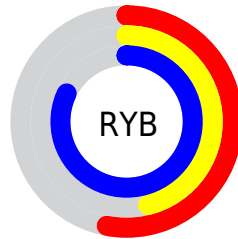
Distribution



Red (53%)

Green (46%)

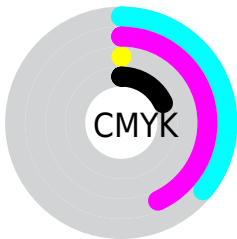
Blue (82%)



Red (53%)

Yellow (46%)

Blue (82%)

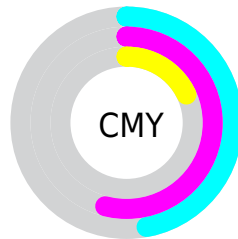


Cyan (36%)

Magenta (43%)

Yellow (0%)

Black (18%)



Cyan (47%)


Magenta (54%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RYB color 134, 118, 208 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 134, 118, 208 by changing the saturation by 10% instead.

 134, 118, 208

255, 255, 255

 190, 170, 255

 218, 198, 255

 248, 226, 255

255, 254, 255

 134, 118, 208

 107, 93, 180

 80, 69, 153

 53, 47, 127

 23, 26, 101


 0, 3, 77

 0, 2, 53

 0, 2, 31


 0, 0, 2


 0, 0, 0

 134, 118, 208

 134, 118, 208

 117, 97, 208

 151, 139, 208

 100, 76, 208

 168, 160, 208

 83, 56, 208

 185, 180, 208

 66, 35, 208

 202, 201, 208

 48, 14, 208

 208, 222, 210

 37, 0, 208

 208, 243, 214

 208, 255, 209

 208, 255, 208

Harmonies

Analogous

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



0, 84, 221



134, 118, 208



187, 99, 175

Triad

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



134, 118, 208



188, 161, 51



0, 82, 152

Complementary

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



134, 118, 208



118, 208, 134

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.



37, 115, 149



134, 118, 208



62, 153, 32

Square

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



134, 118, 208



210, 96, 87



48, 142, 83



0, 82, 176

Rectangle

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



134, 118, 208



206, 91, 146



48, 142, 83



0, 86, 152

Sweetspot

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



134, 118, 208



228, 222, 255



118, 159, 208



111, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 118, 208



146, 122, 255



178, 118, 208



96, 94, 105



30, 0, 168



7, 0, 41

Inverse Universe

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



208, 118, 192



255, 122, 231



118, 208, 178



105, 94, 103



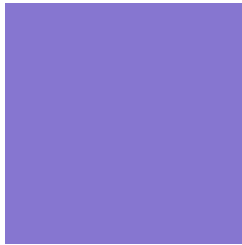
168, 0, 138



41, 0, 34

Previews

White Background



This preview shows how the RYB color 134, 118, 208 looks on a white background.

Color Contrast Check

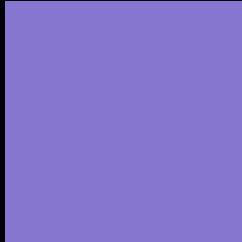
Large Text (above 18pt) WCAG AA ✓ Pass

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 134, 118, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

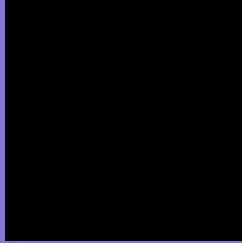
Any Text WCAG AA ✓ Pass

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 134, 118, 208 Background



This preview shows how black text looks on a background with the RYB color 134, 118, 208.

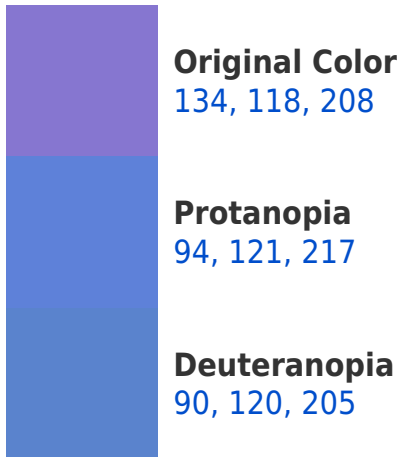


This preview shows how white text looks on a background with the RYB color 134, 118, 208.

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
120, 128, 143

Trichromacy



Original Color
134, 118, 208

Protanomaly
109, 122, 214

Deuteranomaly
106, 123, 206

Tritanomaly
125, 127, 167

Monochromacy



Original Color
134, 118, 208

Achromatopsia
133, 133, 133

Achromatomaly
133, 128, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 118, 208 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(134, 118, 208)` looks like.

```
.text, #text, p{  
    color:rgb(134, 118, 208)  
}
```

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(134, 118, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 118, 208) }
```

Border

The CSS property to change the border of an element to RYB 134, 118, 208 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(134, 118, 208) }
```

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

```
.border{ border-color:rgb(134, 118, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 118, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 118, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 118, 208);  
box-shadow:4px 4px 4px 4px rgb(134, 118,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 134, 118, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 118, 208) }
```

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

```
.background{ background-color: rgb(134,  
118, 208) }
```

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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