

Converting Colors

`RYB(182, 107, 250)`

Have a look what the booklet for
RYB(182, 107, 250) contains.

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Color

R_YB(182, 107, 250)

Conversions

Conversions Part 1

Format	Color
Hex	B66BFA
RGB	182, 107, 250
RGB Percent	71%, 42%, 98%
CMY	0.2863, 0.5804, 0.0196
CMYK	0.27, 0.57, 0.00, 0.02
HSL	271°, 93%, 70%
HSV	271°, 57%, 98%
XYZ	41.8044, 27.3626, 93.5207
YIQ	145.7270, -1.2030, 60.3730

Conversions

Conversions Part 2

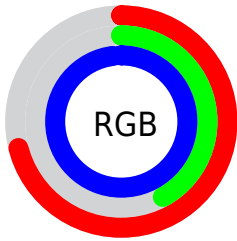
Format	Color
R _Y B	182, 107, 250
Decimal	11955194
CIE Lab	59.31, 55.64, -60.27
CIE LCh	59, 82.027, 312.712
Yxy	27.3626, 0.2570, 0.1682
Android (android.graphics.Color)	4290145274 (0xFFB66BFA)
YUV	145.7270, 51.4066, 31.8114
Hunter-Lab	52.3093, 51.1120, -69.3846

Details

The RYB color **182, 107, 250** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **107, 250, 182**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **241, 161, 255**, and **125, 54, 193** is the 20% darker color. If you saturate the color by 10%, you get **170, 82, 250**, and if you desaturate by 10%, it is **194, 132, 250**.

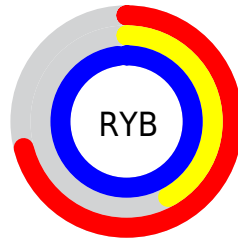
Distribution



Red (71%)

Green (42%)

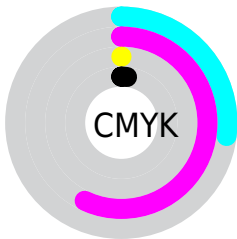
Blue (98%)



Red (71%)

Yellow (42%)

Blue (98%)

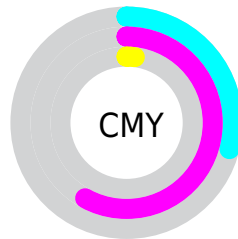


Cyan (27%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (29%)


Magenta (58%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the RYB color 182, 107, 250 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 182, 107, 250 by changing the saturation by 10% instead.

 182, 107, 250


255, 255, 255

 241, 161, 255

 255, 189, 255

 255, 217, 255

 255, 247, 255

 182, 107, 250


 153, 81, 221

 125, 54, 193

 96, 26, 165

 68, 0, 138

 36, 0, 112

 1, 0, 87

 0, 0, 62


 0, 3, 39


 0, 1, 17

 182, 107, 250


 182, 107, 250

 170, 82, 250

 194, 132, 250

 158, 57, 250

 206, 157, 250


 146, 32, 250

 218, 182, 250

 134, 7, 250

 230, 207, 250

 131, 0, 250

 241, 232, 250

 250, 255, 252

 250, 255, 250

Harmonies

Analogous

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



0, 91, 255



182, 107, 250



248, 64, 187

Triad

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



182, 107, 250



136, 206, 0



0, 87, 174

Complementary

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



182, 107, 250



107, 250, 182

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, 109, 171



182, 107, 250



0, 149, 5

Square

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



182, 107, 250



250, 97, 46



3, 164, 114



0, 100, 240

Rectangle

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



182, 107, 250



255, 48, 139



3, 164, 114



0, 94, 174

Sweetspot

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



182, 107, 250



234, 212, 255



107, 154, 250



115, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 107, 250



171, 79, 255



250, 107, 248



119, 112, 125



99, 0, 189



32, 0, 61

Inverse Universe

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



250, 107, 175



255, 79, 163



107, 248, 250



125, 112, 118



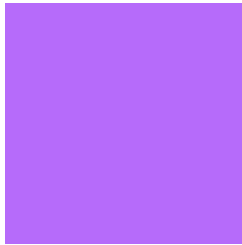
189, 0, 90



61, 0, 29

Previews

White Background



This preview shows how the RYB color 182, 107, 250 looks on a white background.

Color Contrast Check

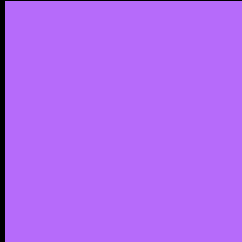
Large Text (above 18pt) WCAG AA ✓ Pass

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 182, 107, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

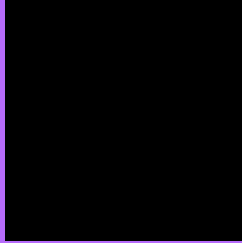
Any Text WCAG AA ✓ Pass

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 182, 107, 250 Background



This preview shows how black text looks on a background with the RYB color 182, 107, 250.

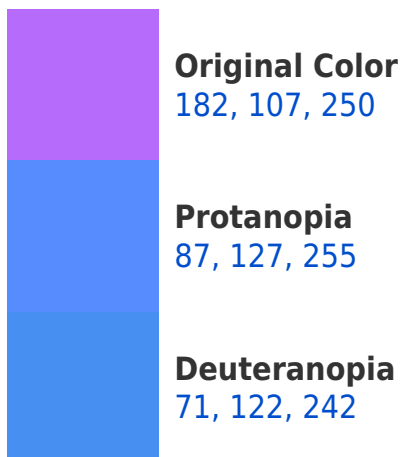



This preview shows how white text looks on a background with the RYB color 182, 107, 250.

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

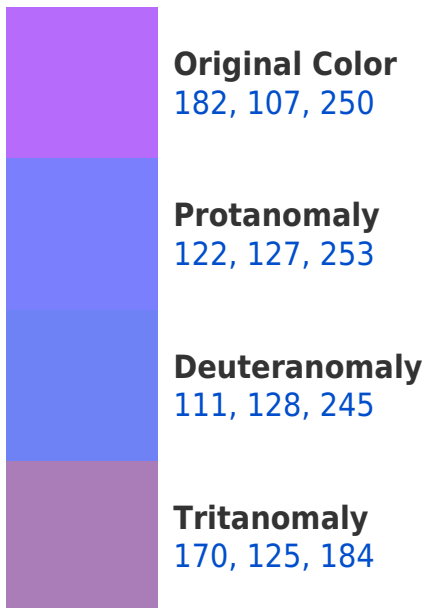




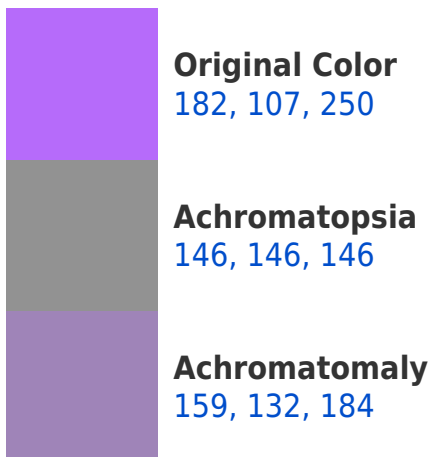
Tritanopia

163, 135, 146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 107, 250 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(182, 107, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 107, 250)  
}
```

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(182, 107, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 107, 250) }
```

Border

The CSS property to change the border of an element to RYB 182, 107, 250 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(182, 107, 250) }
```

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

```
.border{ border-color:rgb(182, 107, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 107, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 107, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 107, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 107,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 182, 107, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 107, 250) }
```

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

```
.background{ background-color: rgb(182,  
107, 250) }
```

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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