

Converting Colors

`RYB(182, 95, 241)`

Have a look what the booklet for RYB(182, 95, 241) contains.

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Color

R_YB(182, 95, 241)

Conversions

Conversions Part 1

Format	Color
Hex	B65FF1
RGB	182, 95, 241
RGB Percent	71%, 37%, 95%
CMY	0.2863, 0.6275, 0.0549
CMYK	0.24, 0.61, 0.00, 0.05
HSL	276°, 84%, 66%
HSV	276°, 61%, 95%
XYZ	39.2608, 24.4804, 85.8750
YIQ	137.6570, 4.9860, 63.8500

Conversions

Conversions Part 2

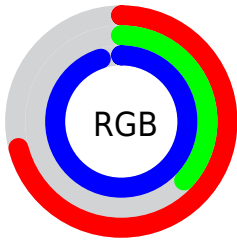
Format	Color
R _Y B	182, 95, 241
Decimal	11952113
CIE Lab	56.57, 59.59, -59.67
CIE LCh	57, 84.330, 314.961
Yxy	24.4804, 0.2624, 0.1636
Android (android.graphics.Color)	4290142193 (0xFFB65FF1)
YUV	137.6570, 50.9481, 38.8888
Hunter-Lab	49.4776, 55.0549, -68.2713

Details

The RYB color **182, 95, 241** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **95, 241, 182**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **241, 149, 255**, and **125, 40, 184** is the 20% darker color. If you saturate the color by 10%, you get **172, 71, 241**, and if you desaturate by 10%, it is **192, 119, 241**.

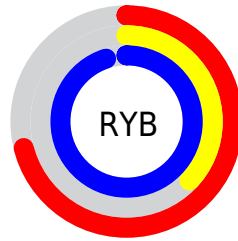
Distribution



Red (71%)

Green (37%)

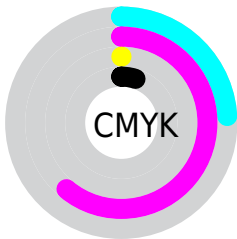
Blue (95%)



Red (71%)

Yellow (37%)

Blue (95%)

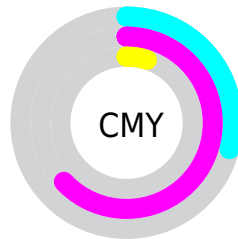


Cyan (24%)

Magenta (61%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (63%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 95, 241 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, 95, 241 by changing the saturation by 10% instead.



182, 95, 241



182, 95, 241

255, 255, 255



153, 68, 212



241, 149, 255



125, 40, 184



255, 177, 255



96, 1, 157



255, 206, 255



68, 0, 130



255, 235, 255



37, 0, 104



0, 0, 79



0, 4, 55



0, 2, 32



0, 0, 5


 182, 95, 241


 182, 95, 241


 172, 71, 241

 192, 119, 241


 163, 47, 241

 201, 143, 241

 153, 23, 241


 211, 167, 241


 144, 0, 241

 221, 191, 241

 231, 215, 241

 240, 240, 241

 241, 255, 246

 241, 255, 241

Harmonies

Analogous

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



0, 87, 255



182, 95, 241



246, 45, 176

Triad

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



182, 95, 241



122, 194, 0



0, 85, 172

Complementary

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



182, 95, 241



95, 241, 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, 105, 165



182, 95, 241



0, 144, 13

Square

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



182, 95, 241



241, 96, 29



0, 158, 143



0, 98, 239

Rectangle

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



182, 95, 241



255, 22, 127



0, 158, 143



0, 89, 167

Sweetspot

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



182, 95, 241



236, 209, 255



95, 138, 241



116, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 95, 241



180, 69, 255



241, 95, 229



115, 108, 120



109, 0, 184



33, 0, 56

Inverse Universe

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



241, 95, 154



255, 69, 144



95, 230, 241



120, 108, 113



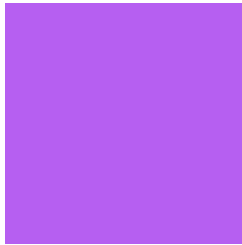
184, 0, 74



56, 0, 23

Previews

White Background



This preview shows how the RYB color 182, 95, 241 looks on a white background.

Color Contrast Check

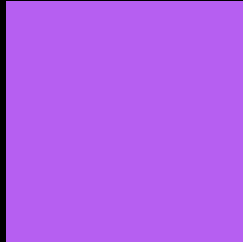
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

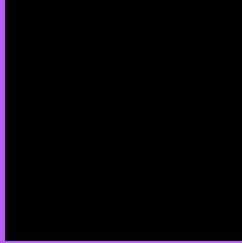
Any Text WCAG AA ✓ Pass

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, 95, 241 Background



This preview shows how black text looks on a background with the RYB color 182, 95, 241.

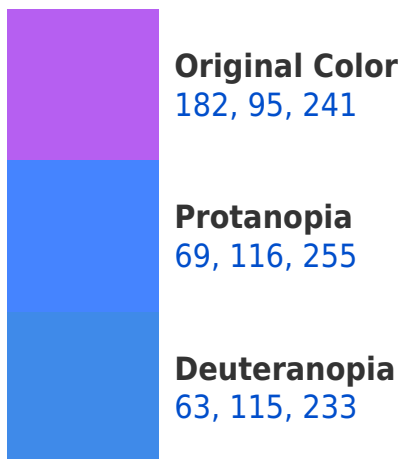


This preview shows how white text looks on a background with the RYB color 182, 95, 241.

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
164, 125, 135

Trichromacy



Original Color
182, 95, 241



Protanomaly
110, 118, 250



Deuteranomaly
106, 120, 236



Tritanomaly
171, 114, 174

Monochromacy



Original Color
182, 95, 241



Achromatopsia
138, 138, 138



Achromatomaly
154, 122, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 95, 241 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, 95, 241)` looks like.

```
.text, #text, p{  
    color:rgb(182, 95, 241)  
}
```

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, 95, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 95, 241) }
```

Border

The CSS property to change the border of an element to RYB 182, 95, 241 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, 95, 241) }
```

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

```
.border{ border-color:rgb(182, 95, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 95, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 95, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 95, 241);  
box-shadow:4px 4px 4px 4px rgb(182, 95,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 182, 95, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 95, 241) }
```

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

```
.background{ background-color: rgb(182, 95,  
241) }
```

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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