

Converting Colors

`RYB(182, 73, 255)`

Have a look what the booklet for RYB(182, 73, 255) contains.

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Color

R_YB(182, 73, 255)

Conversions

Conversions Part 1

Format	Color
Hex	B649FF
RGB	182, 73, 255
RGB Percent	71%, 29%, 100%
CMY	0.2863, 0.7137, 0.0000
CMYK	0.29, 0.71, 0.00, 0.00
HSL	276°, 100%, 64%
HSV	276°, 71%, 100%
XYZ	39.7239, 21.9302, 96.7470
YIQ	126.3390, 6.5420, 79.7100

Conversions

Conversions Part 2

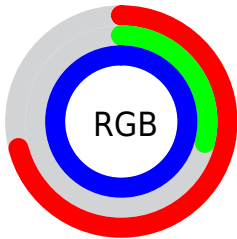
Format	Color
RYB	182, 73, 255
Decimal	11946495
CIELab	53.95, 72.31, -71.67
CIELCh	54, 101.807, 315.256
Yxy	21.9302, 0.2508, 0.1384
Android (android.graphics.Color)	4290136575 (0xFFB649FF)
YUV	126.3390, 63.4299, 48.8147
Hunter-Lab	46.8297, 69.4633, -89.7085

Details

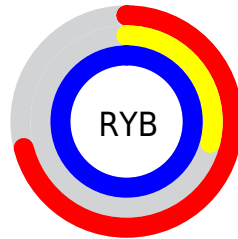
The RYB color **182, 73, 255** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **73, 255, 182**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **242, 130, 255**, and **123, 0, 197** is the 20% darker color. If you saturate the color by 10%, you get **172, 48, 255**, and if you desaturate by 10%, it is **192, 98, 255**.

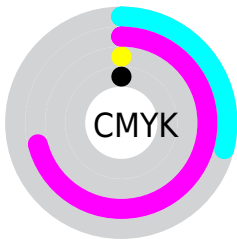
Distribution



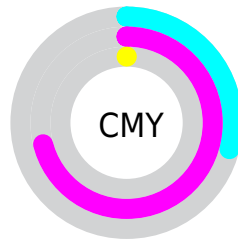
- Red (71%)
- Green (29%)
- Blue (100%)



- Red (71%)
- Yellow (29%)
- Blue (100%)



- Cyan (29%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 73, 255 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, 73, 255 by changing the saturation by 10% instead.

 182, 73, 255

 182, 73, 255


255, 255, 255

 152, 42, 226

 242, 130, 255

 123, 0, 197

 255, 158, 255

 93, 0, 169

 255, 187, 255

 62, 0, 142

 255, 216, 255

 26, 0, 115

 255, 246, 255

 0, 0, 90

 0, 4, 65

 0, 3, 42


 0, 1, 20


 182, 73, 255

 182, 73, 255

 172, 48, 255


 192, 98, 255

 162, 22, 255

 202, 124, 255

 153, 0, 255

 213, 149, 255

 223, 175, 255

 233, 201, 255

 243, 226, 255

 254, 251, 255

255, 255, 255

Harmonies

Analogous

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



0, 84, 255



182, 73, 255



255, 0, 176

Triad

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



182, 73, 255



146, 192, 0



0, 84, 173

Complementary

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



182, 73, 255



73, 255, 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, 108, 161



182, 73, 255



0, 139, 23

Square

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



182, 73, 255



248, 60, 0



0, 154, 154



0, 99, 254

Rectangle

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



182, 73, 255



255, 0, 118



0, 154, 154



0, 87, 163

Sweetspot

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



182, 73, 255



234, 201, 255



73, 127, 255



115, 96, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 73, 255



167, 36, 255



255, 73, 240



122, 115, 128



115, 0, 191



38, 0, 64

Inverse Universe

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



255, 73, 146



255, 36, 124



73, 241, 255



128, 115, 120



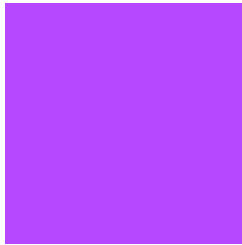
191, 0, 77



64, 0, 26

Previews

White Background



This preview shows how the RYB color 182, 73, 255 looks on a white background.

Color Contrast Check

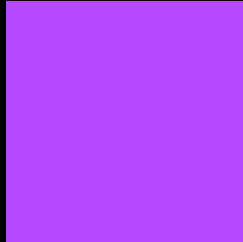
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

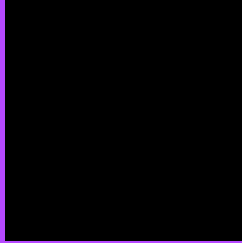
Any Text WCAG AA ✓ Pass

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](#).

RYP 182, 73, 255 Background



This preview shows how black text looks on a background with the RYP color 182, 73, 255.

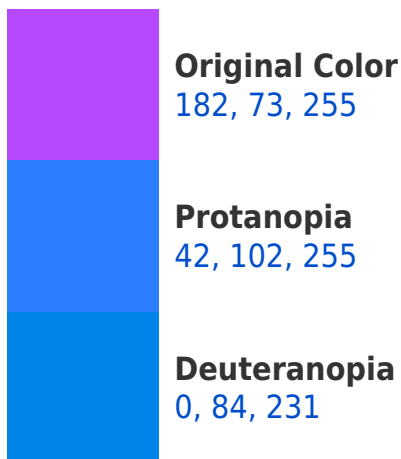


This preview shows how white text looks on a background with the RYP color 182, 73, 255.

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
160, 117, 126

Trichromacy



Original Color
182, 73, 255



Protanomaly
93, 105, 255



Deuteranomaly
66, 102, 240



Tritanomaly
168, 101, 173

Monochromacy



Original Color
182, 73, 255



Achromatopsia
126, 126, 126



Achromatomaly
146, 107, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 73, 255 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, 73, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 73, 255)  
}
```

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, 73, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 73, 255) }
```

Border

The CSS property to change the border of an element to RYB 182, 73, 255 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, 73, 255) }
```

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

```
.border{ border-color:rgb(182, 73, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 73, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 73, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 73, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 73,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 182, 73, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 73, 255) }
```

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

```
.background{ background-color: rgb(182, 73,  
255) }
```

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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