

Converting Colors

R_{YB}(182, 77, 225)

Have a look what the booklet for RYB(182, 77, 225) contains.

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Color

R_YB(182, 77, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B64DE1
RGB	182, 77, 225
RGB Percent	71%, 30%, 88%
CMY	0.2863, 0.6980, 0.1176
CMYK	0.19, 0.66, 0.00, 0.12
HSL	283°, 71%, 59%
HSV	283°, 66%, 88%
XYZ	35.5359, 20.6891, 73.3546
YIQ	125.2670, 15.0720, 68.2880

Conversions

Conversions Part 2

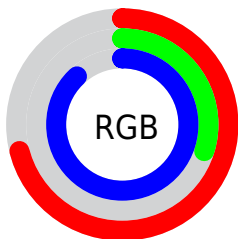
Format	Color
RYB	182, 77, 225
Decimal	11947489
CIELab	52.61, 64.48, -57.04
CIELCh	53, 86.088, 318.504
Yxy	20.6891, 0.2742, 0.1597
Android (android.graphics.Color)	4290137569 (0xFFB64DE1)
YUV	125.2670, 49.1684, 49.7548
Hunter-Lab	45.4853, 59.8560, -63.7780

Details

The RYB color **182, 77, 225** 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 **77, 225, 182**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **241, 133, 255**, and **125, 7, 169** is the 20% darker color. If you saturate the color by 10%, you get **175, 55, 225**, and if you desaturate by 10%, it is **189, 100, 225**.

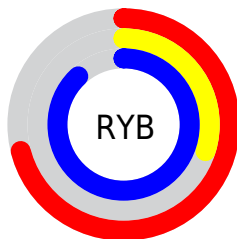
Distribution



Red (71%)

Green (30%)

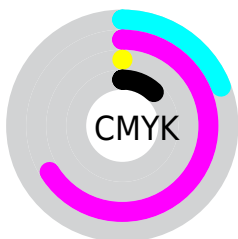
Blue (88%)



Red (71%)

Yellow (30%)

Blue (88%)

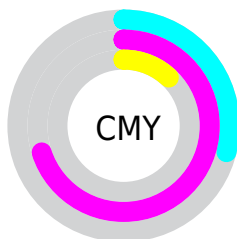


Cyan (19%)

Magenta (66%)

Yellow (0%)

Black (12%)



Cyan (29%)


















Magenta (70%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 77, 225 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, 77, 225 by changing the saturation by 10% instead.


 182, 77, 225	 182, 77, 225
 255, 255, 255	 153, 48, 197
 241, 133, 255	 125, 7, 169
 255, 161, 255	 97, 0, 142
 255, 189, 255	 68, 0, 115
 255, 218, 255	 41, 0, 90
 255, 247, 255	 2, 0, 66
	 0, 3, 42
	 0, 1, 21
	 0, 0, 0

 182, 77, 225


 182, 77, 225


 175, 55, 225

 189, 100, 225

 169, 32, 225

 195, 122, 225


 162, 10, 225

 202, 145, 225

 160, 0, 225

 208, 167, 225

 215, 190, 225

 221, 212, 225

 225, 235, 232

 225, 255, 246

 225, 255, 239

Harmonies

Analogous

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



0, 81, 255



182, 77, 225



239, 0, 157

Triad

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



182, 77, 225



101, 176, 0



0, 82, 171

Complementary

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



182, 77, 225



77, 225, 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, 96, 154



182, 77, 225



0, 136, 26

Square

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



182, 77, 225



225, 106, 0



0, 148, 148



0, 93, 236

Rectangle

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



182, 77, 225



251, 0, 108



0, 148, 148



0, 81, 156

Sweetspot

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



182, 77, 225



240, 204, 255



77, 111, 225



119, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 77, 225



196, 54, 255



225, 77, 195



109, 101, 112



125, 0, 176



34, 0, 48

Inverse Universe

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



225, 77, 120



255, 54, 112



77, 200, 225



112, 101, 104



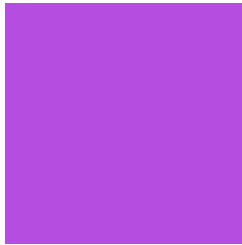
176, 0, 51



48, 0, 14

Previews

White Background



This preview shows how the RYB color 182, 77, 225 looks on a white background.

Color Contrast Check

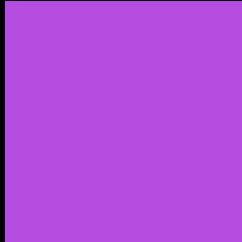
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

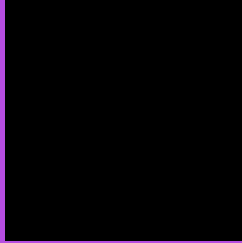
Any Text WCAG AA ✓ Pass

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, 77, 225 Background



This preview shows how black text looks on a background with the RYB color 182, 77, 225.

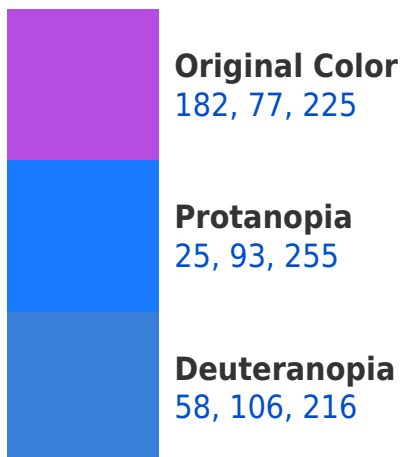


This preview shows how white text looks on a background with the RYB color 182, 77, 225.

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
166, 110, 118

Trichromacy



Original Color

182, 77, 225



Protanomaly

82, 102, 244



Deuteranomaly

103, 109, 219



Tritanomaly

172, 98, 157

Monochromacy



Original Color

182, 77, 225



Achromatopsia

125, 125, 125



Achromatomaly

146, 108, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 77, 225 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, 77, 225)` looks like.

```
.text, #text, p{  
    color:rgb(182, 77, 225)  
}
```

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, 77, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 77, 225) }
```

Border

The CSS property to change the border of an element to RYB 182, 77, 225 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, 77, 225) }
```

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

```
.border{ border-color:rgb(182, 77, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 77, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 77, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 77, 225);  
box-shadow:4px 4px 4px 4px rgb(182, 77,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 182, 77, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 77, 225) }
```

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

```
.background{ background-color: rgb(182, 77,  
225) }
```

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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