

Converting Colors

`RYB(182, 56, 218)`

Have a look what the booklet for RYB(182, 56, 218) contains.

RYB(182, 56, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(182, 56, 218)

Conversions

Conversions Part 1

Format	Color
Hex	B638DA
RGB	182, 56, 218
RGB Percent	71%, 22%, 85%
CMY	0.2863, 0.7804, 0.1451
CMYK	0.17, 0.74, 0.00, 0.15
HSL	287°, 69%, 54%
HSV	287°, 74%, 85%
XYZ	33.3605, 17.8354, 68.0139
YIQ	112.1420, 23.0940, 77.0940

Conversions

Conversions Part 2

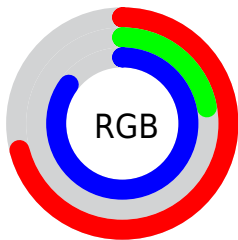
Format	Color
RYB	182, 56, 218
Decimal	11942106
CIELab	49.30, 71.25, -58.39
CIELCh	49, 92.116, 320.666
Yxy	17.8354, 0.2798, 0.1496
Android (android.graphics.Color)	4290132186 (0xFFB638DA)
YUV	112.1420, 52.1880, 61.2655
Hunter-Lab	42.2320, 67.0973, -65.9233

Details

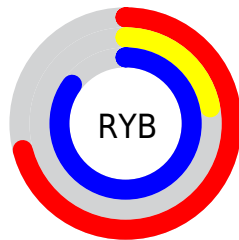
The RYB color **182, 56, 218** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **56, 218, 182**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **241, 115, 255**, and **124, 0, 162** is the 20% darker color. If you saturate the color by 10%, you get **177, 34, 218**, and if you desaturate by 10%, it is **187, 78, 218**.

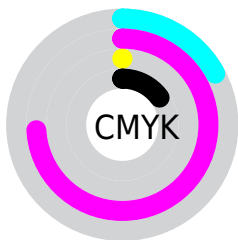
Distribution



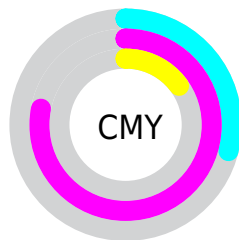
- Red (71%)
- Green (22%)
- Blue (85%)



- Red (71%)
- Yellow (22%)
- Blue (85%)



- Cyan (17%)
- Magenta (74%)
- Yellow (0%)
- Black (15%)




















- Cyan (29%)
- Magenta (78%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 56, 218 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, 56, 218 by changing the saturation by 10% instead.

 182, 56, 218	 182, 56, 218
 255, 255, 255	 153, 16, 190
 241, 115, 255	 124, 0, 162
 255, 144, 255	 96, 0, 135
 255, 172, 255	 67, 0, 109
 255, 201, 255	 41, 0, 84
 255, 231, 255	 0, 0, 60
	 0, 2, 37
	 0, 1, 13
	 0, 0, 0

■ 182, 56, 218

■ 182, 56, 218

■ 177, 34, 218

■ 187, 78, 218

■ 172, 12, 218

■ 192, 100, 218

■ 170, 0, 218

■ 197, 121, 218

■ 201, 143, 218

■ 206, 165, 218

■ 211, 187, 218

■ 216, 209, 218

■ 218, 230, 227

■ 218, 252, 244

Harmonies

Analogous

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



0, 76, 255



182, 56, 218



238, 0, 145

Triad

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



182, 56, 218



88, 163, 0



0, 79, 171

Complementary

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



182, 56, 218



56, 218, 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, 91, 146



182, 56, 218



0, 129, 37

Square

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



182, 56, 218



216, 83, 0



0, 141, 141



0, 91, 239

Rectangle

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



182, 56, 218



248, 0, 94



0, 141, 141



0, 75, 148

Sweetspot

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



182, 56, 218



243, 199, 255



56, 87, 218



120, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 56, 218



205, 28, 255



218, 56, 175



107, 99, 110



135, 0, 173



36, 0, 46

Inverse Universe

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



218, 56, 92



255, 28, 78



56, 184, 218



110, 99, 101



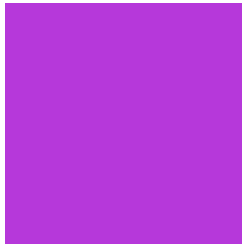
173, 0, 39



46, 0, 10

Previews

White Background



This preview shows how the RYB color 182, 56, 218 looks on a white background.

Color Contrast Check

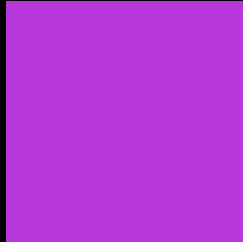
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 182, 56, 218 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, 56, 218 Background



This preview shows how black text looks on a background with the RYB color 182, 56, 218.

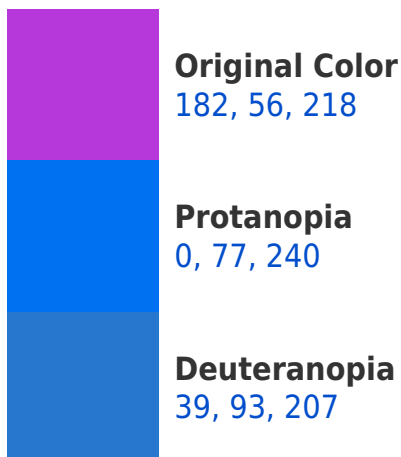



This preview shows how white text looks on a background with the RYB color 182, 56, 218.

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, 97, 105

Trichromacy



Original Color

182, 56, 218



Protanomaly

66, 88, 232



Deuteranomaly

91, 96, 211



Tritanomaly

172, 82, 146

Monochromacy



Original Color

182, 56, 218



Achromatopsia

112, 112, 112



Achromatomaly

137, 92, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 56, 218 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, 56, 218)` looks like.

```
.text, #text, p{  
    color:rgb(182, 56, 218)  
}
```

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, 56, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 56, 218) }
```

Border

The CSS property to change the border of an element to RYB 182, 56, 218 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, 56, 218) }
```

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

```
.border{ border-color:rgb(182, 56, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 56, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 56, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 56, 218);  
box-shadow:4px 4px 4px 4px rgb(182, 56,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 182, 56, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 56, 218) }
```

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

```
.background{ background-color: rgb(182, 56,  
218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor