

Converting Colors

RGB(183, 72, 177)

Have a look what the booklet for
RGB(183, 72, 177) contains.

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Color

RGB(183, 72, 177)

Conversions

Conversions Part 1

Format	Color
Hex	B748B1
RGB	183, 72, 177
RGB Percent	72%, 28%, 69%
CMY	0.2824, 0.7176, 0.3059
CMYK	0.00, 0.61, 0.03, 0.28
HSL	303°, 44%, 50%
HSV	303°, 61%, 72%
XYZ	29.7816, 17.8763, 43.4758
YIQ	117.1590, 32.4510, 56.1870

Conversions

Conversions Part 2

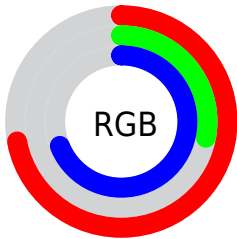
Format	Color
RYB	183, 72, 177
Decimal	12011697
CIELab	49.35, 57.94, -34.61
CIELCh	49, 67.491, 329.150
Yxy	17.8763, 0.3268, 0.1962
Android (android.graphics.Color)	4290201777 (0xFFB748B1)
YUV	117.1590, 29.5016, 57.7426
Hunter-Lab	42.2804, 51.7417, -31.3700

Details

The RGB color **183, 72, 177** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **72, 183, 78**, and the grayscale version is **117, 117, 117**.

A 20% lighter version of the original color is **241, 127, 233**, and **127, 1, 124** is the 20% darker color. If you saturate the color by 10%, you get **183, 54, 176**, and if you desaturate by 10%, it is **183, 90, 178**.

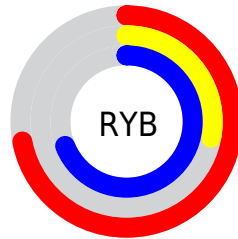
Distribution



Red (72%)

Green (28%)

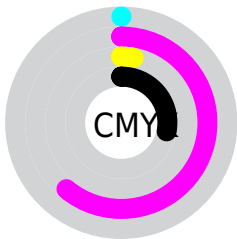
Blue (69%)



Red (72%)

Yellow (28%)

Blue (69%)

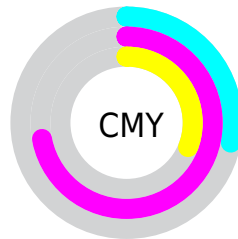


Cyan (0%)

Magenta (61%)

Yellow (3%)

Black (28%)



Cyan (28%)


Magenta (72%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RGB color 183, 72, 177 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 RGB color 183, 72, 177 by changing the saturation by 10% instead.

 183, 72, 177

255, 255, 255

 241, 127, 233

 255, 155, 255

 255, 183, 255

 255, 212, 255

 255, 241, 255

 183, 72, 177

 155, 43, 150

 127, 1, 124

 100, 0, 99


 73, 0, 74

 50, 0, 51

 12, 0, 29

 0, 0, 0

 183, 72, 177

 183, 54, 176

 183, 72, 177

 183, 90, 178

183, 35, 175

183, 109, 179

183, 17, 174

183, 127, 180

183, 0, 173

183, 145, 181

183, 164, 182

183, 182, 183

183, 200, 184

183, 218, 185

183, 237, 186

Harmonies

Analogous

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



108, 103, 218



183, 72, 177



214, 48, 121

Triad

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



183, 72, 177



143, 114, 0



0, 142, 172

Complementary

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



183, 72, 177



72, 183, 78

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, 142, 114



183, 72, 177



86, 130, 0

Square

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



183, 72, 177



186, 90, 2



0, 138, 54



0, 138, 216

Rectangle

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



183, 72, 177



217, 53, 84



0, 138, 54



0, 143, 153

Sweetspot

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



183, 72, 177



237, 194, 235



78, 72, 183



120, 93, 118



247, 247, 247



120, 120, 120

Same Dimension

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



183, 72, 177



237, 64, 228



183, 72, 122



92, 83, 91



156, 0, 147



28, 0, 27

Inverse Universe

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



183, 72, 177



237, 64, 228



72, 183, 133



92, 83, 91



156, 0, 147



28, 0, 27

Previews

White Background



This preview shows how the RGB color 183, 72, 177 looks on a white background.

Color Contrast Check

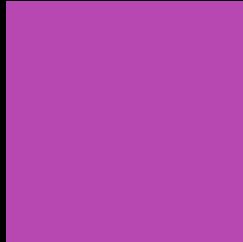
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 183, 72, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

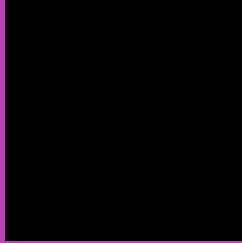
Any Text WCAG AA ✓ Pass

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](#).

RGB 183, 72, 177 Background



This preview shows how black text looks on a background with the RGB color 183, 72, 177.

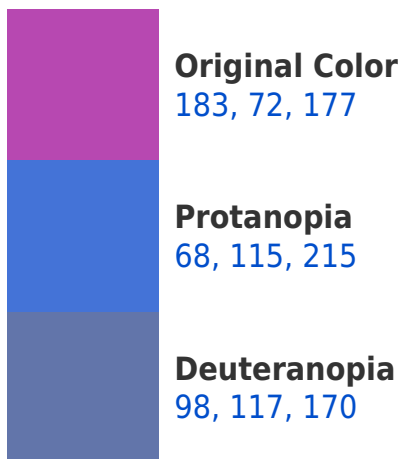


This preview shows how white text looks on a background with the RGB color 183, 72, 177.

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
174, 93, 100

Trichromacy



Original Color

183, 72, 177



Protanomaly

110, 99, 201



Deuteranomaly

129, 101, 173



Tritanomaly

177, 85, 128

Monochromacy



Original Color

183, 72, 177



Achromatopsia

117, 117, 117



Achromatomaly

141, 101, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 72, 177 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(183, 72, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 177)  
}
```

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(183, 72, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 177) }
```

Border

The CSS property to change the border of an element to RGB 183, 72, 177 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(183, 72, 177) }
```

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

```
.border{ border-color:rgb(183, 72, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 72, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 183, 72, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 177) }
```

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

```
.background{ background-color: rgb(183, 72,  
177) }
```

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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