

Converting Colors

RGB(180, 113, 147)

Have a look what the booklet for
RGB(180, 113, 147) contains.

RGB(180, 113, 147)	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

RGB(180, 113, 147)

Conversions

Conversions Part 1

Format	Color
Hex	B47193
RGB	180, 113, 147
RGB Percent	71%, 44%, 58%
CMY	0.2941, 0.5569, 0.4235
CMYK	0.00, 0.37, 0.18, 0.29
HSL	330°, 31%, 57%
HSV	330°, 37%, 71%
XYZ	29.9940, 23.6201, 30.5820
YIQ	136.9090, 29.0180, 24.7780

Conversions

Conversions Part 2

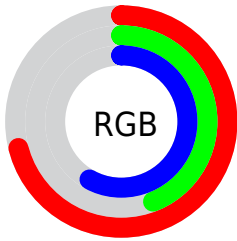
Format	Color
RYB	180, 113, 147
Decimal	11825555
CIELab	55.71, 31.33, -7.35
CIELCh	56, 32.185, 346.802
Yxy	23.6201, 0.3562, 0.2805
Android (android.graphics.Color)	4290015635 (0xFFB47193)
YUV	136.9090, 4.9749, 37.7908
Hunter-Lab	48.6006, 25.1108, -3.2880

Details

The RGB color **180, 113, 147** is a light color, and the websafe version is hex **996699**. A complement of this color would be **113, 180, 146**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **237, 166, 201**, and **126, 63, 96** is the 20% darker color. If you saturate the color by 10%, you get **180, 95, 138**, and if you desaturate by 10%, it is **180, 131, 156**.

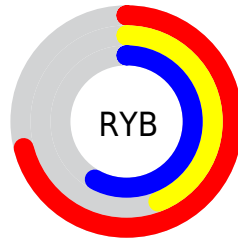
Distribution



Red (71%)

Green (44%)

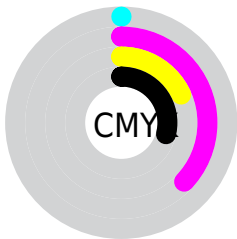
Blue (58%)



Red (71%)

Yellow (44%)

Blue (58%)

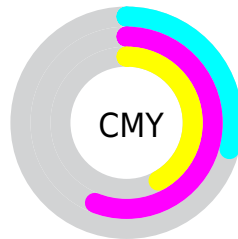


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (29%)



Cyan (29%)


Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 113, 147 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 180, 113, 147 by changing the saturation by 10% instead.

 180, 113, 147


255, 255, 255

 237, 166, 201

 255, 193, 229

 255, 221, 255

 255, 250, 255

 180, 113, 147

 153, 88, 121

 126, 63, 96

 100, 39, 73

 74, 15, 50


 50, 0, 29


 26, 0, 1


 0, 0, 0


 180, 113, 147

 180, 95, 138


 180, 113, 147

 180, 131, 156


 180, 77, 129


 180, 149, 165

 180, 59, 120

 180, 167, 174

 180, 41, 112

 180, 185, 182

 180, 23, 103

 180, 203, 191

 180, 5, 94

 180, 221, 200

 180, 0, 91

 180, 239, 209

 180, 255, 218

 180, 255, 227

Harmonies

Analogous

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



156, 121, 172



180, 113, 147



188, 112, 119

Triad

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



180, 113, 147



136, 137, 79



12, 146, 173

Complementary

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



180, 113, 147



113, 180, 146

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.



23, 148, 149



180, 113, 147



104, 144, 94

Square

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



180, 113, 147



163, 128, 79



68, 148, 120



70, 140, 187

Rectangle

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



180, 113, 147



185, 115, 101



68, 148, 120



0, 147, 166

Sweetspot

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



180, 113, 147



235, 209, 222



145, 113, 180



117, 102, 110



245, 245, 245



117, 117, 117

Same Dimension

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



180, 113, 147



235, 129, 183



180, 113, 114



89, 80, 85



153, 0, 78



26, 0, 13

Inverse Universe

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



180, 113, 147



235, 129, 183



113, 180, 179



89, 80, 85



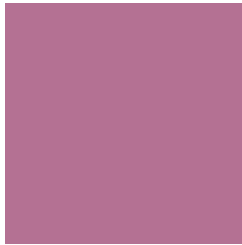
153, 0, 78



26, 0, 13

Previews

White Background



This preview shows how the RGB color 180, 113, 147 looks on a white background.

Color Contrast Check

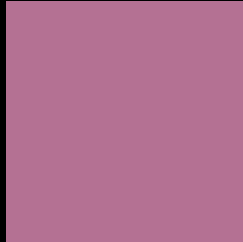
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 180, 113, 147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

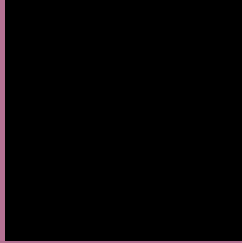
Any Text WCAG AA ✓ Pass

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 180, 113, 147 Background



This preview shows how black text looks on a background with the RGB color 180, 113, 147.



This preview shows how white text looks on a background with the RGB color 180, 113, 147.

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



Original Color
180, 113, 147

Protanopia
128, 133, 160

Deuteranopia
142, 130, 144



Tritanopia
178, 117, 126

Trichromacy



Original Color
180, 113, 147

Protanomaly
147, 126, 155

Deuteranomaly
156, 124, 145

Tritanomaly
179, 116, 134

Monochromacy



Original Color
180, 113, 147

Achromatopsia
137, 137, 137

Achromatomaly
153, 128, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 113, 147 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(180, 113, 147)` looks like.

```
.text, #text, p{  
    color:rgb(180, 113, 147)  
}
```

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(180, 113, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 113, 147) }
```

Border

The CSS property to change the border of an element to RGB 180, 113, 147 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(180, 113, 147) }
```

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

```
.border{ border-color:rgb(180, 113, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 113, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 113, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 113, 147); box-shadow:4px 4px 4px 4px rgb(180, 113, 147) }
```

Background

The CSS property to change the background color of an element to RGB 180, 113, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 113, 147) }
```

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

```
.background{ background-color: rgb(180,  
113, 147) }
```

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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