Converting Colors

RGB(186, 18, 162)

Have a look what the booklet for RGB(186, 18, 162) contains.

Color

RGB(186, 18, 162)

Conversions

Format	Color
	Conversions Part 1
Hex	BA12A2
RGB	186, 18, 162
RGB Percent	73%, 7%, 64%
CMY	0.2706, 0.9294, 0.3647
CMYK	0.00, 0.90, 0.13, 0.27
HSL	309°, 82%, 40%
HSV	309°, 90%, 73%
XYZ	26.9876, 13.4804, 35.3620
YIQ	84.6480, 53.9040, 80.4000

Conversions

Conversions Part 2

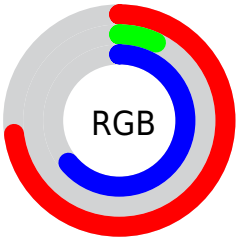
Format	Color
RYB	186, 18, 162
Decimal	12194466
CIELab	43.48, 72.26, -34.93
CIELCh	43, 80.259, 334.204
Yxy	13.4804, 0.3559, 0.1778
Android (android.graphics.Color)	4290384546 (0xFFBA12A2)
YUV	84.6480, 38.1345, 88.8857
Hunter-Lab	36.7156, 66.9531, -31.4032

Details

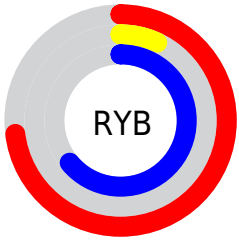
The RGB color 186, 18, 162 is a dark color, and the websafe version is hex CC0099. A complement of this color would be 18, 186, 42, and the grayscale version is 84, 84, 84.

A 20% lighter version of the original color is 246, 92, 217, and 128, 0, 110 is the 20% darker color. If you saturate the color by 10%, you get 186, 0, 159, and if you desaturate by 10%, it is 186, 37, 165.

Distribution

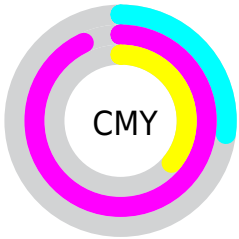


- Red (73%)
- Green (7%)
- Blue (64%)



- Red (73%)
- Yellow (7%)
- Blue (64%)

- Cyan (0%)
- Magenta (90%)
- Yellow (13%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 18, 162 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 186, 18, 162 by changing the saturation by 10% instead.

186, 18, 162	186, 18, 162
255, 255, 255	157, 0, 135
246, 92, 217	128, 0, 110
255, 121, 246	100, 0, 85
255, 150, 255	73, 0, 61
255, 179, 255	45, 0, 39
255, 209, 255	0, 0, 15
255, 239, 255	0, 0, 0

186, 18, 162	186, 18, 162
186, 0, 159	186, 37, 165

186, 55, 167

186, 74, 170

186, 92, 173

186, 111, 175

186, 130, 178

186, 148, 181

186, 167, 183

186, 185, 186

Harmonies

Analogous

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

105, 79, 215

186, 18, 162

214, 0, 97

Triad

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

186, 18, 162

118, 104, 0

0, 129, 177

Complementary

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

186, 18, 162

18, 186, 42

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, 129, 111

186, 18, 162

41, 119, 0

Square

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

186, 18, 162

170, 75, 0

0, 126, 38

0, 124, 224

Rectangle

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

186, 18, 162

211, 0, 54

0, 126, 38

0, 130, 156

Sweetspot

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

186, 18, 162

242, 177, 233

40, 18, 186

122, 83, 117

250, 250, 250

122, 122, 122

Same Dimension

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

186, 18, 162

242, 0, 208

186, 18, 80

92, 83, 90

156, 0, 133

28, 0, 24

Inverse Universe

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

186, 18, 162

242, 0, 208

18, 186, 124

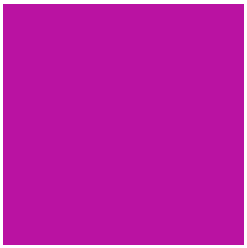
92, 83, 90

156, 0, 133

28, 0, 24

Previews

White Background

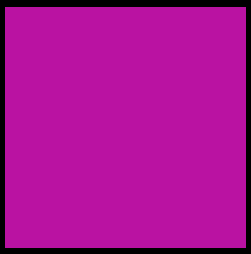


This preview shows how the RGB color 186, 18, 162 looks on a white background.

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



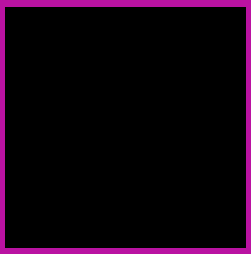
This preview shows how the RGB color 186, 18, 162 looks on a black background.

Color Contrast Check

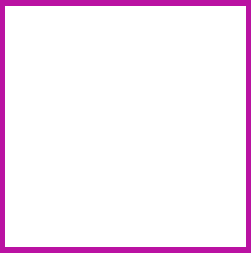
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 186, 18, 162 Background



This preview shows how black text looks on a background with the RGB color 186, 18, 162.

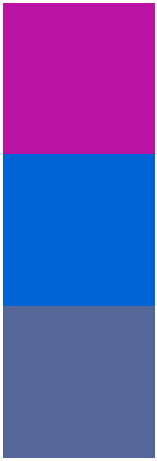


This preview shows how white text looks on a background with the RGB color 186, 18, 162.

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



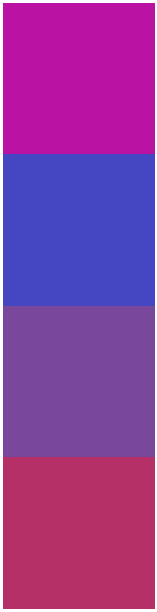
Original Color
186, 18, 162

Protanopia
0, 100, 213

Deuteranopia
84, 103, 152

Tritanopia
177, 65, 69

Trichromacy



Original Color
186, 18, 162

Protanomaly
68, 70, 194

Deuteranomaly
121, 72, 156

Tritanomaly
180, 48, 103

Monochromacy

Original Color
186, 18, 162

Achromatopsia
85, 85, 85

Achromatomaly
122, 61, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 18, 162 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(186, 18, 162) looks like.

```
.text, #text, p{
    color:rgb(186, 18, 162)
}
```

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(186, 18, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 18, 162) }
```

Border

The CSS property to change the border of an element to RGB 186, 18, 162 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(186, 18, 162) }
```

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

```
.border{ border-color:rgb(186, 18, 162) }
```

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

Here you see how a box with a 4 pixel rgb(186, 18, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 18, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 18, 162); box-shadow:4px 4px 4px 4px rgb(186, 18, 162) }
```

Background

The CSS property to change the background color of an element to RGB 186, 18, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(186, 18, 162) }
```

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

```
.background{ background-color:rgb(186, 18,
162) }
```

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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