Converting Colors

RGB(186, 18, 118)

Have a look what the booklet for RGB(186, 18, 118) contains.

Color

RGB(186, 18, 118)

Conversions

Format	Color
Hex	BA1276
RGB	186, 18, 118
RGB Percent	73%, 7%, 46%
CMY	0.2706, 0.9294, 0.5373
CMYK	0.00, 0.90, 0.37, 0.27
HSL	324°, 82%, 40%
HSV	324°, 90%, 73%
XYZ	23.7360, 12.1797, 18.2394
YIQ	79.6320, 68.0280, 66.7160

Conversions Part 1

Conversions

Conversions Part 2

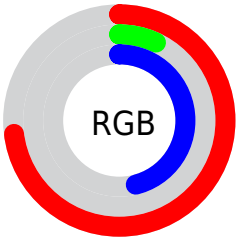
Format	Color
RYB	186, 18, 118
Decimal	12194422
CIELab	41.50, 67.02, -11.11
CIELCh	42, 67.935, 350.586
Yxy	12.1797, 0.4383, 0.2249
Android (android.graphics.Color)	4290384502 (0xFFBA1276)
YUV	79.6320, 18.9154, 93.2847
Hunter-Lab	34.8995, 60.3284, -6.5570

Details

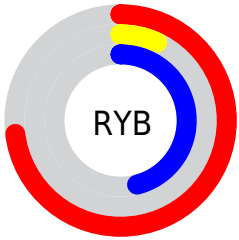
The RGB color 186, 18, 118 is a dark color, and the websafe version is hex 990066. A complement of this color would be 18, 186, 86, and the grayscale version is 79, 79, 79.

A 20% lighter version of the original color is 246, 90, 170, and 127, 0, 70 is the 20% darker color. If you saturate the color by 10%, you get 186, 0, 111, and if you desaturate by 10%, it is 186, 37, 126.

Distribution

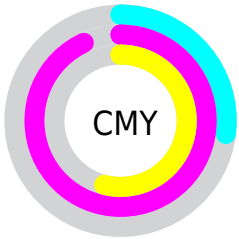


- Red (73%)
- Green (7%)
- Blue (46%)



- Red (73%)
- Yellow (7%)
- Blue (46%)

- Cyan (0%)
- Magenta (90%)
- Yellow (37%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 18, 118 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, 118 by changing the saturation by 10% instead.

186, 18, 118	186, 18, 118
255, 255, 255	156, 0, 93
246, 90, 170	127, 0, 70
255, 119, 197	98, 0, 47
255, 148, 225	71, 0, 27
255, 176, 254	43, 0, 1
255, 206, 255	0, 0, 0
255, 235, 255	

186, 18, 118	186, 18, 118
186, 0, 111	186, 37, 126

186, 55, 133

186, 74, 141

186, 92, 148

186, 111, 156

186, 130, 163

186, 148, 171

186, 167, 178

186, 185, 186

Harmonies

Analogous

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

145, 60, 170

186, 18, 118

192, 23, 63

Triad

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

186, 18, 118

83, 107, 0

0, 119, 184

Complementary

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

186, 18, 118

18, 186, 86

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, 121, 136

186, 18, 118

0, 116, 12

Square

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

186, 18, 118

134, 89, 0

0, 120, 78

0, 110, 209

Rectangle

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

186, 18, 118

181, 50, 26

0, 120, 78

0, 120, 170

Sweetspot

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

186, 18, 118

242, 177, 216

85, 18, 186

122, 83, 107

250, 250, 250

122, 122, 122

Same Dimension

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

186, 18, 118

242, 0, 144

186, 18, 35

92, 83, 88

156, 0, 93

28, 0, 17

Inverse Universe

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

186, 18, 118

242, 0, 144

18, 186, 169

92, 83, 88

156, 0, 93

28, 0, 17

Previews

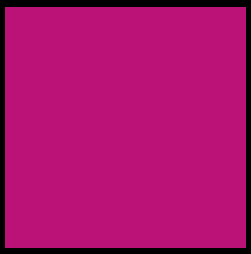
White Background

This preview shows how the RGB color 186, 18, 118 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



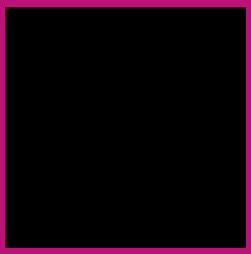
This preview shows how the RGB color 186, 18, 118 looks on a black background.

Color Contrast Check

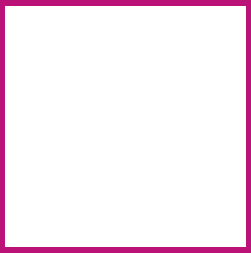
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 186, 18, 118 Background



This preview shows how black text looks on a background with the RGB color 186, 18, 118.



This preview shows how white text looks on a background with the RGB color 186, 18, 118.

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

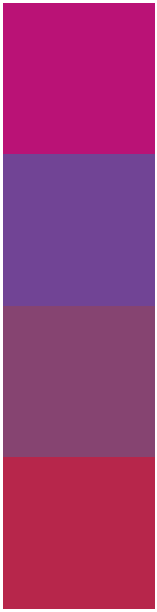
Original Color
186, 18, 118

Protanopia
71, 97, 167

Deuteranopia
104, 97, 110

Tritanopia
182, 49, 51

Trichromacy



Original Color
186, 18, 118

Protanomaly
113, 68, 149

Deuteranomaly
134, 68, 113

Tritanomaly
183, 38, 75

Monochromacy

Original Color
186, 18, 118

Achromatopsia
80, 80, 80

Achromatomaly
119, 57, 94

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 18, 118 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, 118) looks like.

```
.text, #text, p{
    color:rgb(186, 18, 118)
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 18, 118) }
```

Border

The CSS property to change the border of an element to RGB 186, 18, 118 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, 118) }
```

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

```
.border{ border-color:rgb(186, 18, 118) }
```

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, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 18, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 18, 118); box-shadow:4px 4px 4px 4px rgb(186, 18, 118) }
```

Background

The CSS property to change the background color of an element to RGB 186, 18, 118 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, 118) }
```

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

```
.background{ background-color:rgb(186, 18,
118) }
```

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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