

Converting Colors

RGB(180, 29, 109)

Have a look what the booklet for
RGB(180, 29, 109) contains.

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Color

RGB(180, 29, 109)

Conversions

Conversions Part 1

Format	Color
Hex	B41D6D
RGB	180, 29, 109
RGB Percent	71%, 11%, 43%
CMY	0.2941, 0.8863, 0.5725
CMYK	0.00, 0.84, 0.39, 0.29
HSL	328°, 72%, 41%
HSV	328°, 84%, 71%
XYZ	22.0221, 11.6862, 15.5630
YIQ	83.2690, 64.3160, 56.8920

Conversions

Conversions Part 2

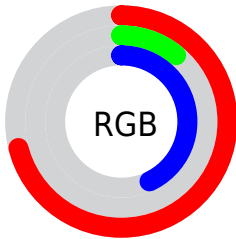
Format	Color
R_{YB}	180, 29, 109
Decimal	11804013
CIE _{Lab}	40.71, 62.65, -6.79
CIE _{LCh}	41, 63.012, 353.815
Yxy	11.6862, 0.4470, 0.2372
Android (android.graphics.Color)	4289994093 (0xFFB41D6D)
YUV	83.2690, 12.6854, 84.8331
Hunter-Lab	34.1850, 55.1664, -3.0627

Details

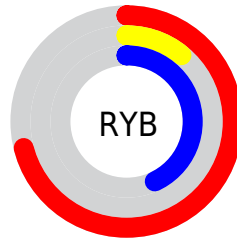
The RGB color **180, 29, 109** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **29, 180, 100**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **240, 93, 160**, and **122, 0, 62** is the 20% darker color. If you saturate the color by 10%, you get **180, 11, 101**, and if you desaturate by 10%, it is **180, 47, 117**.

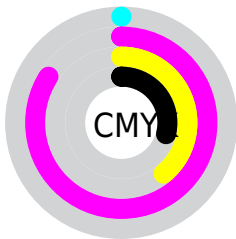
Distribution



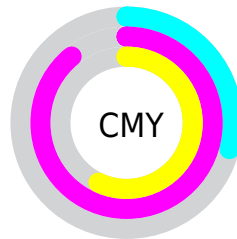
- Red (71%)
- Green (11%)
- Blue (43%)



- Red (71%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (84%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 29, 109 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, 29, 109 by changing the saturation by 10% instead.



180, 29, 109



180, 29, 109

255, 255, 255



151, 0, 85



240, 93, 160



122, 0, 62



255, 121, 187



93, 0, 40



255, 150, 215



67, 0, 20



255, 178, 244



36, 0, 1



255, 208, 255



0, 0, 0



255, 237, 255



180, 29, 109



180, 29, 109



180, 11, 101



180, 47, 117

180, 0, 95

180, 65, 126

180, 83, 134

180, 101, 143

180, 119, 151

180, 137, 160

180, 155, 168

180, 173, 177

180, 191, 185

Harmonies

Analogous

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



146, 59, 158



180, 29, 109



183, 37, 58

Triad

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



180, 29, 109



77, 105, 0



0, 115, 179

Complementary

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



180, 29, 109



29, 180, 100

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, 118, 136



180, 29, 109



0, 114, 27

Square

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



180, 29, 109



126, 90, 0



0, 117, 83



0, 106, 200

Rectangle

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



180, 29, 109



172, 57, 24



0, 117, 83



0, 117, 167

Sweetspot

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



180, 29, 109



235, 176, 207



99, 29, 180



117, 82, 101



245, 245, 245



117, 117, 117

Same Dimension

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



180, 29, 109



235, 0, 124



180, 29, 34



89, 80, 85



153, 0, 81



26, 0, 14

Inverse Universe

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



180, 29, 109



235, 0, 124



29, 180, 175



89, 80, 85



153, 0, 81



26, 0, 14

Previews

White Background



This preview shows how the RGB color 180, 29, 109 looks on a white background.

Color Contrast Check

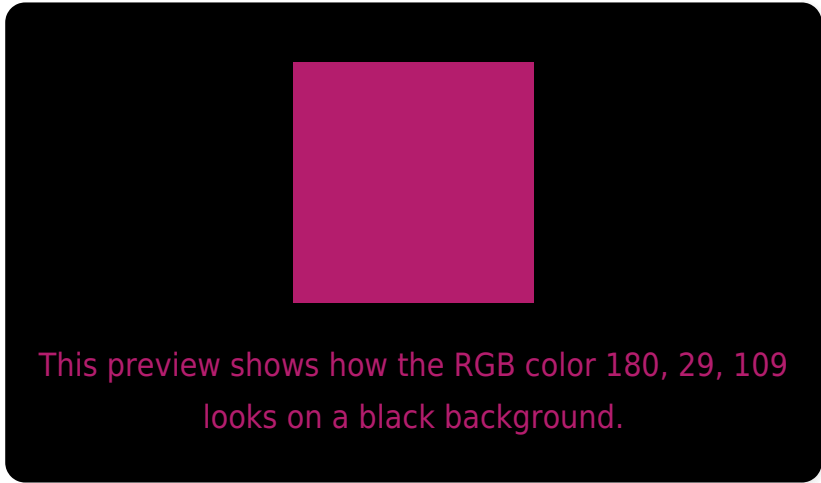
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 180, 29, 109 Background



This preview shows how black text looks on a background with the RGB color 180, 29, 109.



This preview shows how white text looks on a background with the RGB color 180, 29, 109.

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, 29, 109

Protanopia
77, 96, 151

Deuteranopia
105, 94, 102



Tritanopia
176, 49, 52

Trichromacy



Original Color

180, 29, 109



Protanomaly

114, 72, 136



Deuteranomaly

132, 70, 105



Tritanomaly

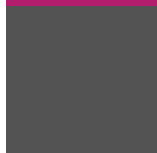
177, 42, 73

Monochromacy



Original Color

180, 29, 109



Achromatopsia

83, 83, 83



Achromatomaly

118, 63, 92

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 29, 109 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, 29, 109)` looks like.

```
.text, #text, p{  
    color:rgb(180, 29, 109)  
}
```

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, 29, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 29, 109) }
```

Border

The CSS property to change the border of an element to RGB 180, 29, 109 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, 29, 109) }
```

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

```
.border{ border-color:rgb(180, 29, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 29, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 29, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 29, 109);  
box-shadow:4px 4px 4px 4px rgb(180, 29,  
109) }
```

Background

The CSS property to change the background color of an element to RGB 180, 29, 109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 29, 109) }
```

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

```
.background{ background-color: rgb(180, 29,  
109) }
```

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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