Converting Colors

RGB(150, 29, 118)

Have a look what the booklet for RGB(150, 29, 118) contains.

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Color

RGB(150, 29, 118)

Conversions

Format	Color
Hex	961D76
RGB	150, 29, 118
RGB Percent	59%, 11%, 46%
CMY	0.4118, 0.8863, 0.5373
CMYK	0.00, 0.81, 0.21, 0.41
HSL	316°, 68%, 35%
HSV	316°, 81%, 59%
XYZ	16.2871, 8.6708, 17.9547
YIQ	75.3250, 43.5470, 53.3310

Conversions Part 1

Conversions

Conversions Part 2

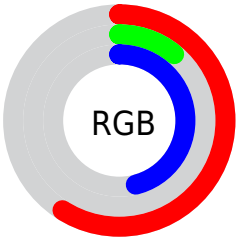
Format	Color
RYB	150, 29, 118
Decimal	9837942
CIELab	35.34, 56.41, -21.15
CIELCh	35, 60.250, 339.447
Yxy	8.6708, 0.3795, 0.2021
Android (android.graphics.Color)	4288028022 (0xFF961D76)
YUV	75.3250, 21.0388, 65.4900
Hunter-Lab	29.4462, 47.1999, -15.5396

Details

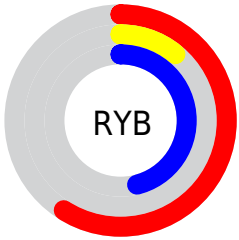
The RGB color 150, 29, 118 is a dark color, and the websafe version is hex 990066. A complement of this color would be 29, 150, 61, and the grayscale version is 75, 75, 75.

A 20% lighter version of the original color is 207, 88, 170, and 95, 0, 69 is the 20% darker color. If you saturate the color by 10%, you get 150, 14, 114, and if you desaturate by 10%, it is 150, 44, 122.

Distribution

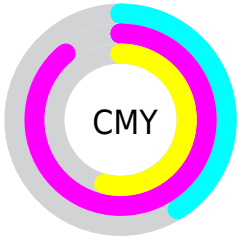


- Red (59%)
- Green (11%)
- Blue (46%)



- Red (59%)
- Yellow (11%)
- Blue (46%)

- Cyan (0%)
- Magenta (81%)
- Yellow (21%)
- Black (41%)



- Cyan (41%)
- Magenta (89%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 29, 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 150, 29, 118 by changing the saturation by 10% instead.

150, 29, 118	150, 29, 118
255, 255, 255	122, 0, 93
207, 88, 170	95, 0, 69
237, 116, 198	68, 0, 47
255, 143, 226	43, 0, 26
255, 171, 255	0, 0, 0
255, 200, 255	
255, 229, 255	

150, 29, 118	150, 29, 118
150, 14, 114	150, 44, 122

150, 0, 110

150, 59, 126

150, 74, 130

150, 89, 134

150, 104, 138

150, 119, 142

150, 134, 146

150, 149, 150

150, 164, 154

Harmonies

Analogous

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

101, 62, 158

150, 29, 118

166, 8, 70

Triad

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

150, 29, 118

89, 86, 0

0, 103, 144

Complementary

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

150, 29, 118

29, 150, 61

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, 103, 98

150, 29, 118

30, 96, 0

Square

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

150, 29, 118

128, 68, 0

0, 101, 47

0, 97, 174

Rectangle

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

150, 29, 118

161, 29, 39

0, 101, 47

0, 103, 130

Sweetspot

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

150, 29, 118

194, 147, 181

59, 29, 150

97, 69, 89

224, 224, 224

97, 97, 97

Same Dimension

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

150, 29, 118

194, 6, 144

150, 29, 59

74, 67, 72

138, 0, 101

10, 0, 8

Inverse Universe

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

150, 29, 118

194, 6, 144

29, 150, 120

74, 67, 72

138, 0, 101

10, 0, 8

Previews

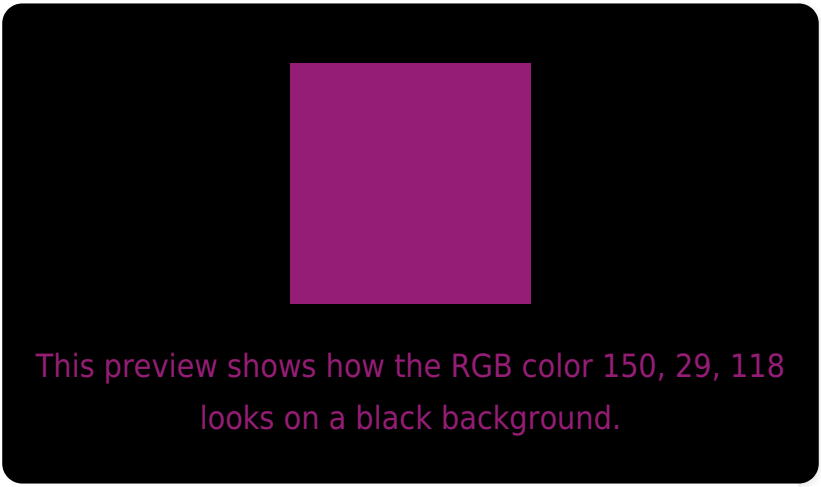
White Background

This preview shows how the RGB color 150, 29, 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 ✓ Pass

Black Background

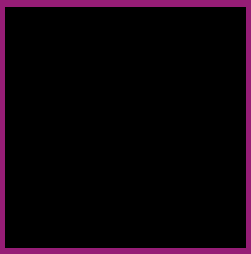


Color Contrast Check

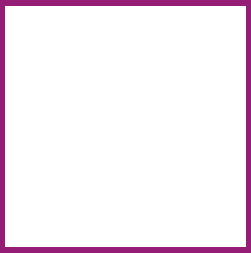
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RGB 150, 29, 118 Background



This preview shows how black text looks on a background with the RGB color 150, 29, 118.



This preview shows how white text looks on a background with the RGB color 150, 29, 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
150, 29, 118

Protanopia
42, 82, 160

Deuteranopia
78, 83, 111

Tritanopia
145, 52, 55

Trichromacy

Original Color
150, 29, 118

Protanomaly
81, 63, 145

Deuteranomaly
104, 63, 114

Tritanomaly
147, 44, 78

Monochromacy

Original Color
150, 29, 118

Achromatopsia
75, 75, 75

Achromatomaly
102, 58, 91

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 29, 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(150, 29, 118) looks like.

```
.text, #text, p{
    color:rgb(150, 29, 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(150, 29, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 29, 118) }
```

Border

The CSS property to change the border of an element to RGB 150, 29, 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(150, 29, 118) }
```

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

```
.border{ border-color:rgb(150, 29, 118) }
```

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

Here you see how a box with a 4 pixel rgb(150, 29, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 29, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 29, 118); box-shadow:4px 4px 4px 4px rgb(150, 29, 118) }
```

Background

The CSS property to change the background color of an element to RGB 150, 29, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(150, 29, 118) }
```

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

```
.background{ background-color:rgb(150, 29,
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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