

Converting Colors

RGB(164, 35, 118)

Have a look what the booklet for
RGB(164, 35, 118) contains.

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Color

RGB(164, 35, 118)

Conversions

Conversions Part 1

Format	Color
Hex	A42376
RGB	164, 35, 118
RGB Percent	64%, 14%, 46%
CMY	0.3569, 0.8627, 0.5373
CMYK	0.00, 0.79, 0.28, 0.36
HSL	321°, 65%, 39%
HSV	321°, 79%, 64%
XYZ	19.1809, 10.4026, 18.1365
YIQ	83.0330, 50.2410, 53.1610

Conversions

Conversions Part 2

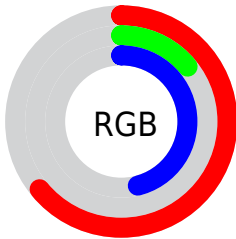
Format	Color
RYB	164, 35, 118
Decimal	10756982
CIELab	38.56, 58.13, -15.98
CIELCh	39, 60.283, 344.627
Yxy	10.4026, 0.4019, 0.2180
Android (android.graphics.Color)	4288947062 (0xFFA42376)
YUV	83.0330, 17.2387, 71.0081
Hunter-Lab	32.2530, 49.7112, -10.7628

Details

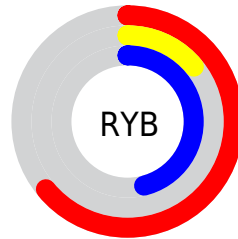
The RGB color **164, 35, 118** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **35, 164, 81**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **222, 94, 170**, and **108, 0, 70** is the 20% darker color. If you saturate the color by 10%, you get **164, 19, 112**, and if you desaturate by 10%, it is **164, 51, 124**.

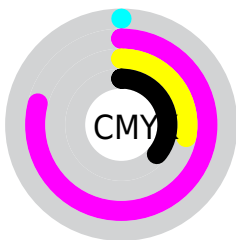
Distribution



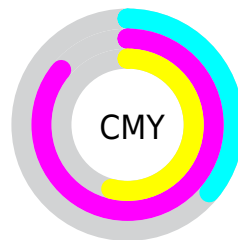
- Red (64%)
- Green (14%)
- Blue (46%)



- Red (64%)
- Yellow (14%)
- Blue (46%)



- Cyan (0%)
- Magenta (79%)
- Yellow (28%)
- Black (36%)



- Cyan (36%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the RGB color 164, 35, 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 164, 35, 118 by changing the saturation by 10% instead.

 164, 35, 118

255, 255, 255

 222, 94, 170

 252, 122, 198

 255, 150, 226

 255, 178, 254

 255, 207, 255

 255, 236, 255

 164, 35, 118

 136, 0, 93

 108, 0, 70


 80, 0, 47

 55, 0, 27

 20, 0, 0

 0, 0, 0

 164, 35, 118

 164, 19, 112

 164, 35, 118

 164, 51, 124

■ 164, 2, 106

■ 164, 68, 130

■ 164, 0, 106

■ 164, 84, 136

■ 164, 101, 141

■ 164, 117, 147

■ 164, 133, 153

■ 164, 150, 159

■ 164, 166, 165

■ 164, 183, 171

Harmonies

Analogous

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



121, 65, 161



164, 35, 118



175, 28, 69

Triad

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



164, 35, 118



89, 96, 0



0, 110, 159

Complementary

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



164, 35, 118



35, 164, 81

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, 112, 114



164, 35, 118



21, 106, 4

Square

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



164, 35, 118



131, 79, 0



0, 110, 63



0, 104, 186

Rectangle

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



164, 35, 118



169, 45, 38



0, 110, 63



0, 111, 146

Sweetspot

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



164, 35, 118



214, 163, 196



80, 35, 164



107, 76, 96



235, 235, 235



107, 107, 107

Same Dimension

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



164, 35, 118



214, 13, 142



164, 35, 54



82, 73, 79



145, 0, 94



18, 0, 11

Inverse Universe

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



164, 35, 118



214, 13, 142



35, 164, 145



82, 73, 79



145, 0, 94



18, 0, 11

Previews

White Background



This preview shows how the RGB color 164, 35, 118 looks on a white background.

Color Contrast Check

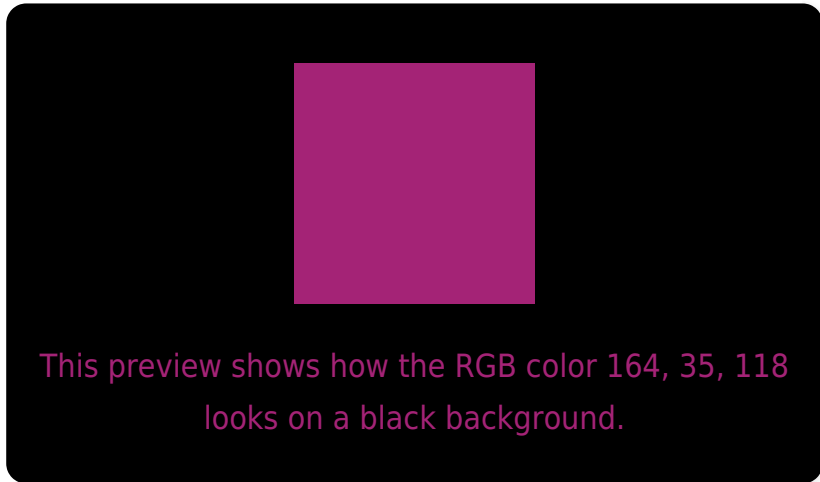
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

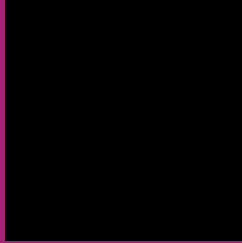
Any Text WCAG AA × Fail

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 164, 35, 118 Background



This preview shows how black text looks on a background with the RGB color 164, 35, 118.



This preview shows how white text looks on a background with the RGB color 164, 35, 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
164, 35, 118

Protanopia
62, 90, 158

Deuteranopia
91, 90, 111



Tritanopia
159, 55, 58

Trichromacy



Original Color

164, 35, 118

Protanomaly

99, 70, 143

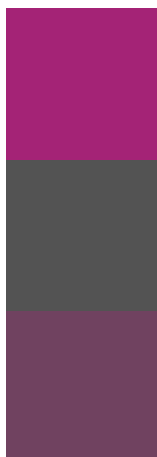
Deuteranomaly

118, 70, 114

Tritanomaly

161, 48, 80

Monochromacy



Original Color

164, 35, 118

Achromatopsia

83, 83, 83

Achromatomaly

112, 66, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 35, 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(164, 35, 118)` looks like.

```
.text, #text, p{  
    color:rgb(164, 35, 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(164, 35, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 35, 118) }
```

Border

The CSS property to change the border of an element to RGB 164, 35, 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(164, 35, 118) }
```

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

```
.border{ border-color:rgb(164, 35, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 35, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 35, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 35, 118);  
box-shadow:4px 4px 4px 4px rgb(164, 35,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 164, 35, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 35, 118) }
```

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

```
.background{ background-color: rgb(164, 35,  
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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