

Converting Colors

RGB(146, 46, 102)

Have a look what the booklet for
RGB(146, 46, 102) contains.

RGB(146, 46, 102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(146, 46, 102)

Conversions

Conversions Part 1

Format	Color
Hex	922E66
RGB	146, 46, 102
RGB Percent	57%, 18%, 40%
CMY	0.4275, 0.8196, 0.6000
CMYK	0.00, 0.68, 0.30, 0.43
HSL	326°, 52%, 38%
HSV	326°, 68%, 57%
XYZ	15.2293, 9.0243, 13.5096
YIQ	82.2840, 41.6240, 38.6160

Conversions

Conversions Part 2

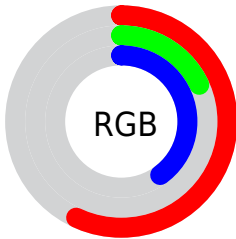
Format	Color
R_{YB}	146, 46, 102
Decimal	9580134
CIE _{Lab}	36.03, 47.30, -10.04
CIE _{LCh}	36, 48.354, 348.012
Yxy	9.0243, 0.4033, 0.2390
Android (android.graphics.Color)	4287770214 (0xFF922E66)
YUV	82.2840, 9.7200, 55.8789
Hunter-Lab	30.0405, 37.9217, -5.6351

Details

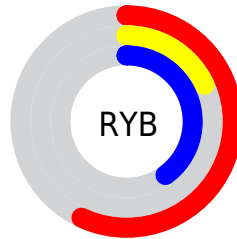
The RGB color **146, 46, 102** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46, 146, 90**, and the grayscale version is **82, 82, 82**.

A 20% lighter version of the original color is **203, 99, 153**, and **91, 0, 55** is the 20% darker color. If you saturate the color by 10%, you get **146, 31, 96**, and if you desaturate by 10%, it is **146, 61, 108**.

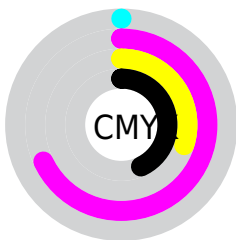
Distribution



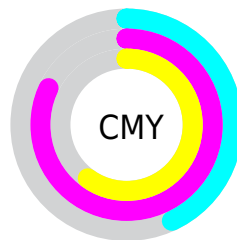
- Red (57%)
- Green (18%)
- Blue (40%)



- Red (57%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (68%)
- Yellow (30%)
- Black (43%)



- Cyan (43%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the RGB color 146, 46, 102 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 146, 46, 102 by changing the saturation by 10% instead.


 146, 46, 102

 146, 46, 102

255, 255, 255

 118, 14, 78

 203, 99, 153

 91, 0, 55

 232, 126, 180

 65, 0, 34

 255, 153, 207

 42, 0, 9

 255, 181, 236

 0, 0, 0

 255, 209, 255

 255, 238, 255

 146, 46, 102

 146, 46, 102

 146, 31, 96

 146, 61, 108

■ 146, 17, 89

■ 146, 75, 115

■ 146, 2, 83

■ 146, 90, 121

■ 146, 0, 82

■ 146, 104, 128

■ 146, 119, 134

■ 146, 134, 141

■ 146, 148, 147

■ 146, 163, 153

■ 146, 177, 160

Harmonies

Analogous

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



115, 63, 137



146, 46, 102



153, 45, 63

Triad

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



146, 46, 102



81, 90, 0



0, 100, 142

Complementary

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



146, 46, 102



46, 146, 90

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, 102, 108



146, 46, 102



30, 98, 28

Square

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



146, 46, 102



116, 77, 0



0, 101, 67



0, 94, 161

Rectangle

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



146, 46, 102



147, 54, 39



0, 101, 67



0, 101, 132

Sweetspot

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



146, 46, 102



189, 149, 171



89, 46, 146



94, 71, 84



222, 222, 222



94, 94, 94

Same Dimension

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



146, 46, 102



189, 34, 121



146, 46, 53



74, 67, 71



138, 0, 77



10, 0, 6

Inverse Universe

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



146, 46, 102



189, 34, 121



46, 146, 139



74, 67, 71



138, 0, 77



10, 0, 6

Previews

White Background



This preview shows how the RGB color 146, 46, 102 looks on a white background.

Color Contrast Check

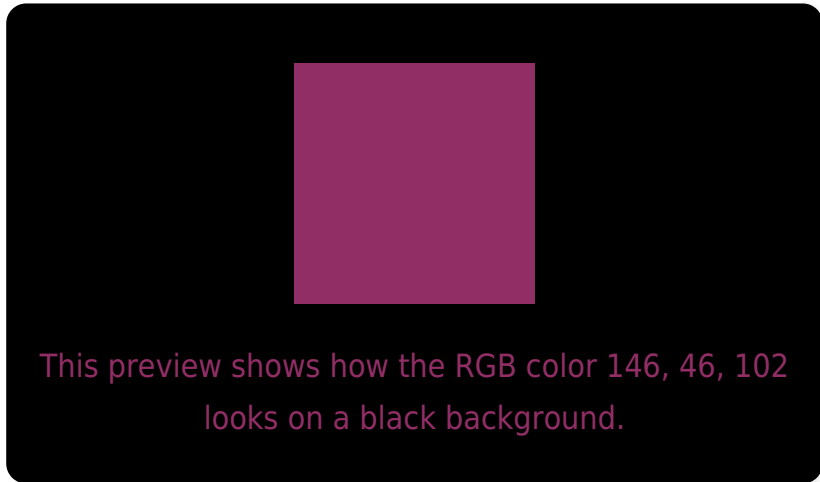
Large Text (above 18pt) WCAG AA ✓ Pass

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

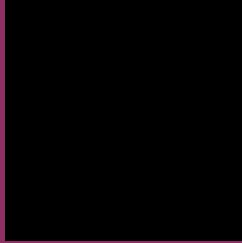
Any Text WCAG AA × Fail

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 146, 46, 102 Background



This preview shows how black text looks on a background with the RGB color 146, 46, 102.

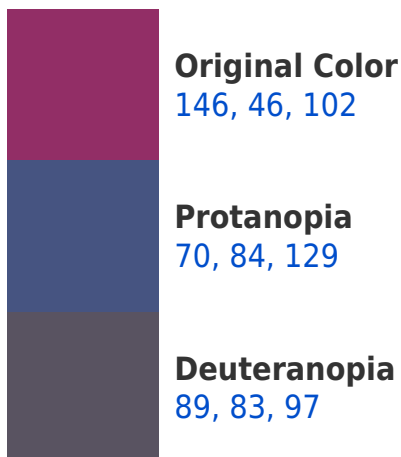


This preview shows how white text looks on a background with the RGB color 146, 46, 102.

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





Tritanopia
143, 57, 60

Trichromacy



Original Color

146, 46, 102

Protanomaly

98, 70, 119

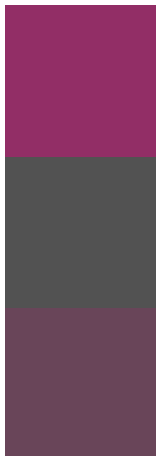
Deuteranomaly

110, 70, 99

Tritanomaly

144, 53, 75

Monochromacy



Original Color

146, 46, 102

Achromatopsia

82, 82, 82

Achromatomaly

105, 69, 89

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 46, 102 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(146, 46, 102) looks like.

```
.text, #text, p{  
    color:rgb(146, 46, 102)  
}
```

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(146, 46, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 46, 102) }
```

Border

The CSS property to change the border of an element to RGB 146, 46, 102 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(146, 46, 102) }
```

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

```
.border{ border-color:rgb(146, 46, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 46, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 46, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 46, 102);  
box-shadow:4px 4px 4px 4px rgb(146, 46,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 146, 46, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 46, 102) }
```

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

```
.background{ background-color: rgb(146, 46,  
102) }
```

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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