

Converting Colors

RGB(146, 57, 142)

Have a look what the booklet for
RGB(146, 57, 142) contains.

RGB(146, 57, 142)	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, 57, 142)

Conversions

Conversions Part 1

Format	Color
Hex	92398E
RGB	146, 57, 142
RGB Percent	57%, 22%, 56%
CMY	0.4275, 0.7765, 0.4431
CMYK	0.00, 0.61, 0.03, 0.43
HSL	303°, 44%, 40%
HSV	303°, 61%, 57%
XYZ	18.1997, 10.9902, 26.7533
YIQ	93.3010, 25.7590, 45.3030

Conversions

Conversions Part 2

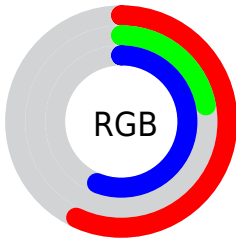
Format	Color
R _Y B	146, 57, 142
Decimal	9582990
CIE Lab	39.56, 48.69, -29.47
CIE LCh	40, 56.912, 328.818
Yxy	10.9902, 0.3253, 0.1965
Android (android.graphics.Color)	4287773070 (0xFF92398E)
YUV	93.3010, 24.0086, 46.2170
Hunter-Lab	33.1515, 39.9785, -24.6410

Details

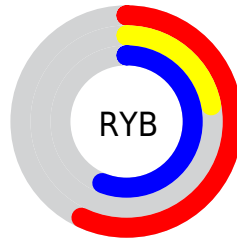
The RGB color **146, 57, 142** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57, 146, 61**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **202, 110, 196**, and **92, 0, 91** is the 20% darker color. If you saturate the color by 10%, you get **146, 42, 141**, and if you desaturate by 10%, it is **146, 72, 143**.

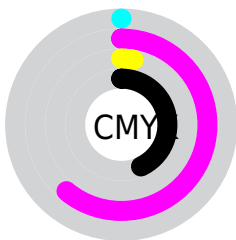
Distribution



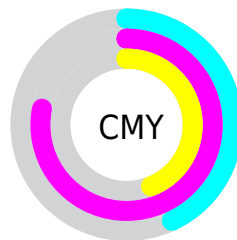
- Red (57%)
- Green (22%)
- Blue (56%)



- Red (57%)
- Yellow (22%)
- Blue (56%)



- Cyan (0%)
- Magenta (61%)
- Yellow (3%)
- Black (43%)



- Cyan (43%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 57, 142 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, 57, 142 by changing the saturation by 10% instead.



146, 57, 142



146, 57, 142

255, 255, 255



119, 29, 116



202, 110, 196



92, 0, 91



231, 136, 224



67, 0, 67



255, 164, 253



45, 0, 45



255, 192, 255



0, 0, 23



255, 220, 255



0, 0, 0



255, 249, 255



146, 57, 142



146, 57, 142



146, 42, 141



146, 72, 143

■ 146, 28, 141

■ 146, 86, 143

■ 146, 13, 140

■ 146, 101, 144

■ 146, 0, 139

■ 146, 115, 145

■ 146, 130, 145

■ 146, 145, 146

■ 146, 159, 147

■ 146, 174, 147

■ 146, 188, 148

Harmonies

Analogous

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



85, 82, 175



146, 57, 142



172, 38, 97

Triad

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



146, 57, 142



115, 91, 0



0, 113, 137

Complementary

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



146, 57, 142



57, 146, 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, 113, 90



146, 57, 142



69, 103, 0

Square

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



146, 57, 142



150, 71, 3



0, 110, 41



0, 110, 173

Rectangle

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



146, 57, 142



174, 42, 66



0, 110, 41



0, 114, 122

Sweetspot

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



146, 57, 142



189, 155, 187



60, 57, 146



94, 74, 93



222, 222, 222



94, 94, 94

Same Dimension

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



146, 57, 142



189, 51, 183



146, 57, 99



74, 67, 74



138, 0, 132



10, 0, 10

Inverse Universe

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



146, 57, 142



189, 51, 183



57, 146, 104



74, 67, 74



138, 0, 132



10, 0, 10

Previews

White Background



This preview shows how the RGB color 146, 57, 142 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 146, 57, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

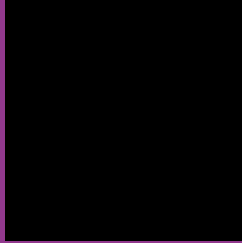
Any Text WCAG AA × Fail

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 146, 57, 142 Background



This preview shows how black text looks on a background with the RGB color 146, 57, 142.

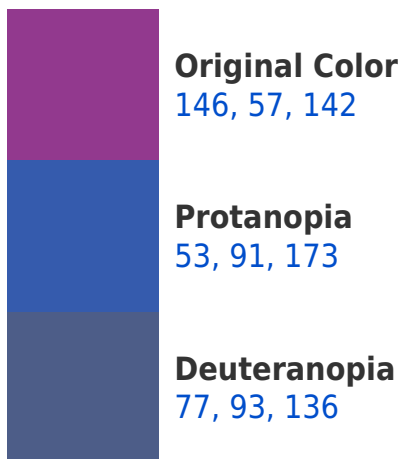


This preview shows how white text looks on a background with the RGB color 146, 57, 142.

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
139, 74, 80

Trichromacy



Original Color

146, 57, 142

Protanomaly

87, 79, 162

Deuteranomaly

102, 80, 138

Tritanomaly

142, 68, 103

Monochromacy



Original Color

146, 57, 142

Achromatopsia

93, 93, 93

Achromatomaly

112, 80, 111

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 57, 142 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, 57, 142)` looks like.

```
.text, #text, p{  
    color:rgb(146, 57, 142)  
}
```

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, 57, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 57, 142) }
```

Border

The CSS property to change the border of an element to RGB 146, 57, 142 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, 57, 142) }
```

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

```
.border{ border-color:rgb(146, 57, 142) }
```

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

Here you see how a box with a 4 pixel rgb(146, 57, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 57, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 57, 142);  
box-shadow:4px 4px 4px 4px rgb(146, 57,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 146, 57, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 57, 142) }
```

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

```
.background{ background-color: rgb(146, 57,  
142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor