

Converting Colors

RGB(147, 86, 165)

Have a look what the booklet for
RGB(147, 86, 165) contains.

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Color

RGB(147, 86, 165)

Conversions

Conversions Part 1

Format	Color
Hex	9356A5
RGB	147, 86, 165
RGB Percent	58%, 34%, 65%
CMY	0.4235, 0.6627, 0.3529
CMYK	0.11, 0.48, 0.00, 0.35
HSL	286°, 31%, 49%
HSV	286°, 48%, 65%
XYZ	22.1519, 15.5752, 37.4361
YIQ	113.2450, 10.9970, 37.5010

Conversions

Conversions Part 2

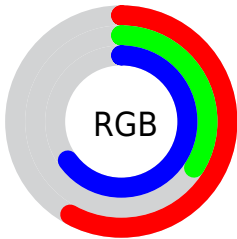
Format	Color
R_{YB}	147, 86, 165
Decimal	9655973
CIE _{Lab}	46.41, 38.68, -32.50
CIE _{LCh}	46, 50.525, 319.960
Yxy	15.5752, 0.2947, 0.2072
Android (android.graphics.Color)	4287846053 (0xFF9356A5)
YUV	113.2450, 25.5152, 29.6031
Hunter-Lab	39.4655, 31.1274, -28.6154

Details

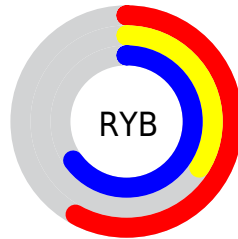
The RGB color **147, 86, 165** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **104, 165, 86**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **202, 138, 220**, and **94, 37, 113** is the 20% darker color. If you saturate the color by 10%, you get **143, 70, 165**, and if you desaturate by 10%, it is **151, 103, 165**.

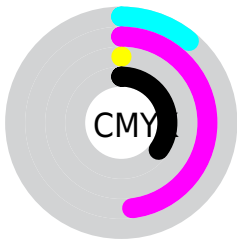
Distribution



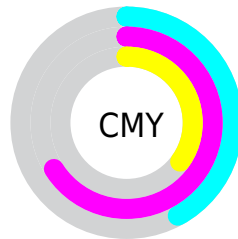
- Red (58%)
- Green (34%)
- Blue (65%)



- Red (58%)
- Yellow (34%)
- Blue (65%)



- Cyan (11%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (66%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 86, 165 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 147, 86, 165 by changing the saturation by 10% instead.



147, 86, 165



147, 86, 165

255, 255, 255



120, 61, 138



202, 138, 220



94, 37, 113



231, 164, 249



69, 10, 88



255, 192, 255



44, 0, 64



255, 220, 255



21, 0, 42



255, 249, 255



0, 1, 19



0, 0, 0



147, 86, 165



147, 86, 165



143, 70, 165



151, 103, 165

139, 53, 165

155, 119, 165

136, 36, 165

158, 136, 165

132, 20, 165

162, 152, 165

128, 4, 165

166, 169, 165

127, 0, 165

170, 185, 165

173, 201, 165

177, 218, 165

181, 235, 165

Harmonies

Analogous

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



83, 105, 190



147, 86, 165



179, 71, 126

Triad

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



147, 86, 165



143, 103, 16



0, 130, 138

Complementary

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



147, 86, 165



104, 165, 86

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, 129, 94



147, 86, 165



104, 116, 18

Square

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



147, 86, 165



172, 86, 46



51, 125, 52



0, 127, 174

Rectangle

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



147, 86, 165



186, 69, 98



51, 125, 52



0, 130, 123

Sweetspot

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



147, 86, 165



207, 184, 214



86, 104, 165



103, 89, 107



235, 235, 235



107, 107, 107

Same Dimension

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



147, 86, 165



186, 92, 214



165, 86, 144



80, 73, 82



112, 0, 145



14, 0, 18

Inverse Universe

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



165, 86, 104



214, 92, 120



86, 165, 107



82, 73, 75



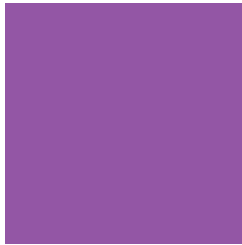
145, 0, 33



18, 0, 4

Previews

White Background



This preview shows how the RGB color 147, 86, 165 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 147, 86, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

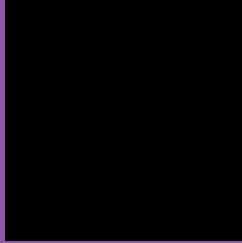
Any Text WCAG AA × Fail

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 147, 86, 165 Background



This preview shows how black text looks on a background with the RGB color 147, 86, 165.

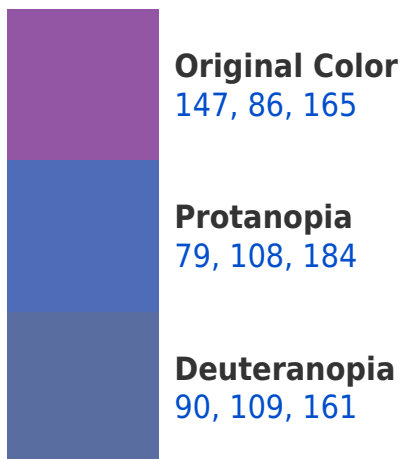


This preview shows how white text looks on a background with the RGB color 147, 86, 165.

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, 100, 107

Trichromacy



Original Color

147, 86, 165

Protanomaly

104, 100, 177

Deuteranomaly

111, 101, 162

Tritanomaly

142, 95, 128

Monochromacy



Original Color

147, 86, 165

Achromatopsia

113, 113, 113

Achromatomaly

125, 103, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 86, 165 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(147, 86, 165)` looks like.

```
.text, #text, p{  
    color:rgb(147, 86, 165)  
}
```

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(147, 86, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 86, 165) }
```

Border

The CSS property to change the border of an element to RGB 147, 86, 165 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(147, 86, 165) }
```

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

```
.border{ border-color:rgb(147, 86, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 86, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 86, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 86, 165);  
box-shadow:4px 4px 4px 4px rgb(147, 86,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 147, 86, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 86, 165) }
```

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

```
.background{ background-color: rgb(147, 86,  
165) }
```

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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