

Converting Colors

RGB(145, 101, 186)

Have a look what the booklet for
RGB(145, 101, 186) contains.

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Color

RGB(145, 101, 186)

Conversions

Conversions Part 1

Format	Color
Hex	9165BA
RGB	145, 101, 186
RGB Percent	57%, 40%, 73%
CMY	0.4314, 0.6039, 0.2706
CMYK	0.22, 0.46, 0.00, 0.27
HSL	271°, 38%, 56%
HSV	271°, 46%, 73%
XYZ	25.1937, 18.8723, 48.7692
YIQ	123.8460, -1.0610, 35.7630

Conversions

Conversions Part 2

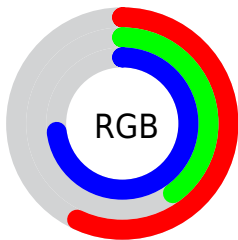
Format	Color
R_{YB}	145, 101, 186
Decimal	9528762
CIE _{Lab}	50.54, 34.38, -38.30
CIE _{LCh}	51, 51.473, 311.914
Yxy	18.8723, 0.2714, 0.2033
Android (android.graphics.Color)	4287718842 (0xFF9165BA)
YUV	123.8460, 30.6419, 18.5521
Hunter-Lab	43.4422, 27.4945, -36.1507

Details

The RGB color **145, 101, 186** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **142, 186, 101**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **200, 153, 243**, and **92, 52, 132** is the 20% darker color. If you saturate the color by 10%, you get **136, 82, 186**, and if you desaturate by 10%, it is **154, 120, 186**.

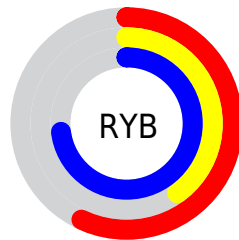
Distribution



Red (57%)

Green (40%)

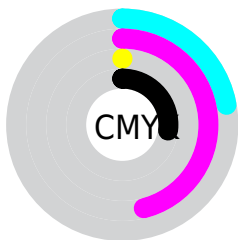
Blue (73%)



Red (57%)

Yellow (40%)

Blue (73%)

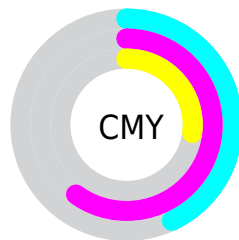


Cyan (22%)

Magenta (46%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (60%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 145, 101, 186 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 145, 101, 186 by changing the saturation by 10% instead.

 145, 101, 186

 145, 101, 186

255, 255, 255

 118, 76, 159

 200, 153, 243

 92, 52, 132

 229, 180, 255


 67, 29, 107

 255, 208, 255

 41, 5, 82

 255, 236, 255

 22, 0, 59

 0, 2, 36

 0, 0, 11

 0, 0, 0

 145, 101, 186

 145, 101, 186

■ 136, 82, 186

■ 154, 120, 186

■ 127, 64, 186

■ 163, 138, 186

■ 118, 45, 186

■ 172, 157, 186

■ 109, 27, 186

■ 181, 175, 186

■ 100, 8, 186

■ 190, 194, 186

■ 96, 0, 186

■ 199, 213, 186

■ 208, 231, 186

■ 217, 250, 186

■ 226, 255, 186

Harmonies

Analogous

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



65, 119, 206



145, 101, 186



186, 84, 149

Triad

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



145, 101, 186



165, 108, 32



0, 141, 137

Complementary

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



145, 101, 186



142, 186, 101

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, 140, 91



145, 101, 186



127, 124, 23

Square

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



145, 101, 186



191, 91, 64



78, 134, 51



0, 139, 178

Rectangle

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



145, 101, 186



198, 78, 119



78, 134, 51



0, 141, 122

Sweetspot

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



145, 101, 186



226, 208, 242



101, 142, 186



112, 102, 122



250, 250, 250



122, 122, 122

Same Dimension

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



145, 101, 186



178, 109, 242



186, 101, 185



87, 83, 92



81, 0, 156



15, 0, 28

Inverse Universe

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



186, 101, 142



242, 109, 173



101, 186, 102



92, 83, 87



156, 0, 75



28, 0, 14

Previews

White Background



This preview shows how the RGB color 145, 101, 186 looks on a white background.

Color Contrast Check

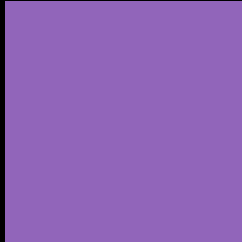
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 145, 101, 186 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 145, 101, 186 Background



This preview shows how black text looks on a background with the RGB color 145, 101, 186.

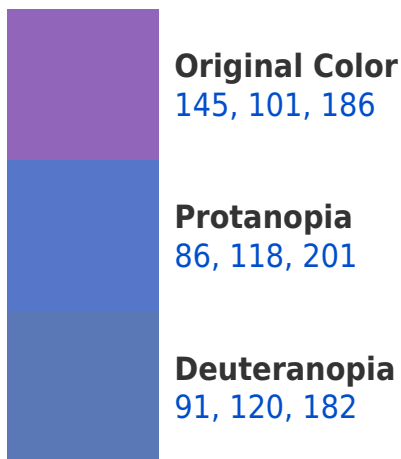



This preview shows how white text looks on a background with the RGB color 145, 101, 186.

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
134, 115, 124

Trichromacy



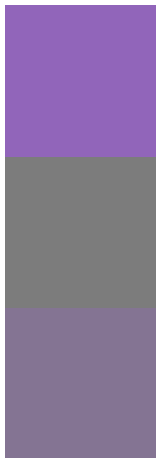
Original Color
145, 101, 186

Protanomaly
107, 112, 196

Deuteranomaly
111, 113, 183

Tritanomaly
138, 110, 147

Monochromacy



Original Color
145, 101, 186

Achromatopsia
124, 124, 124

Achromatomaly
132, 116, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 101, 186 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(145, 101, 186)` looks like.

```
.text, #text, p{  
    color:rgb(145, 101, 186)  
}
```

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(145, 101, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 101, 186) }
```

Border

The CSS property to change the border of an element to RGB 145, 101, 186 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(145, 101, 186) }
```

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

```
.border{ border-color:rgb(145, 101, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 101, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 101, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 101, 186);  
box-shadow:4px 4px 4px 4px rgb(145, 101,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 145, 101, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 101, 186) }
```

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

```
.background{ background-color: rgb(145,  
101, 186) }
```

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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