

Converting Colors

RGB(145, 109, 189)

Have a look what the booklet for
RGB(145, 109, 189) contains.

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Color

RGB(145, 109, 189)

Conversions

Conversions Part 1

Format	Color
Hex	916DBD
RGB	145, 109, 189
RGB Percent	57%, 43%, 74%
CMY	0.4314, 0.5725, 0.2588
CMYK	0.23, 0.42, 0.00, 0.26
HSL	267°, 38%, 58%
HSV	267°, 42%, 74%
XYZ	26.3310, 20.6311, 50.7385
YIQ	128.8840, -4.2240, 32.5120

Conversions

Conversions Part 2

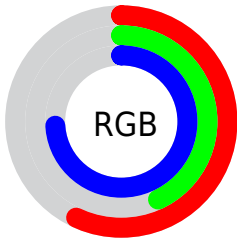
Format	Color
R_{YB}	145, 109, 189
Decimal	9530813
CIE _{Lab}	52.54, 30.50, -36.88
CIE _{LCh}	53, 47.857, 309.593
Yxy	20.6311, 0.2695, 0.2112
Android (android.graphics.Color)	4287720893 (0xFF916DBD)
YUV	128.8840, 29.6372, 14.1337
Hunter-Lab	45.4215, 23.9894, -34.4354

Details

The RGB color **145, 109, 189** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **153, 189, 109**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **200, 161, 246**, and **92, 60, 135** is the 20% darker color. If you saturate the color by 10%, you get **135, 90, 189**, and if you desaturate by 10%, it is **155, 128, 189**.

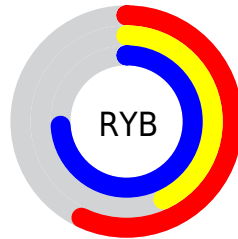
Distribution



Red (57%)

Green (43%)

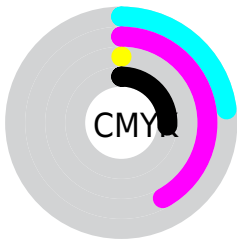
Blue (74%)



Red (57%)

Yellow (43%)

Blue (74%)

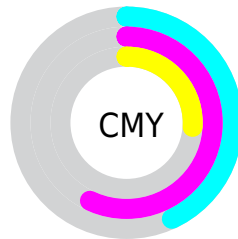


Cyan (23%)

Magenta (42%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (57%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the RGB color 145, 109, 189 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, 109, 189 by changing the saturation by 10% instead.

 145, 109, 189

255, 255, 255

 200, 161, 246

 229, 188, 255

 255, 216, 255

 255, 245, 255

 145, 109, 189

 118, 84, 162

 92, 60, 135

 67, 38, 110

 42, 15, 85

 19, 0, 61

 0, 3, 38

 0, 1, 16

 0, 0, 0

 145, 109, 189

 145, 109, 189

135, 90, 189

155, 128, 189

124, 71, 189

166, 147, 189

114, 52, 189

176, 166, 189

103, 33, 189

187, 185, 189

93, 15, 189

197, 204, 189

85, 0, 189

207, 222, 189

218, 241, 189

228, 255, 189

239, 255, 189

Harmonies

Analogous

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



72, 125, 206



145, 109, 189



185, 93, 155

Triad

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



145, 109, 189



171, 113, 46



0, 146, 138

Complementary

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



145, 109, 189



153, 189, 109

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, 144, 95



145, 109, 189



135, 127, 38

Square

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



145, 109, 189



194, 97, 75



91, 138, 59



0, 144, 177

Rectangle

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



145, 109, 189



198, 88, 128



91, 138, 59



0, 145, 123

Sweetspot

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



145, 109, 189



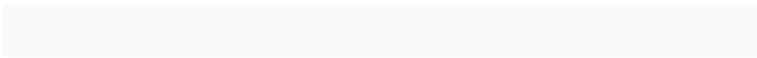
227, 213, 245



109, 153, 189



112, 103, 122



250, 250, 250



122, 122, 122

Same Dimension

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



145, 109, 189



176, 120, 245



185, 109, 189



89, 85, 94



71, 0, 158



14, 0, 31

Inverse Universe

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



189, 109, 153



245, 120, 189



113, 189, 109



94, 85, 90



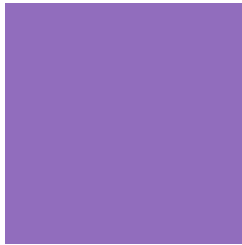
158, 0, 87



31, 0, 17

Previews

White Background



This preview shows how the RGB color 145, 109, 189 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, 109, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

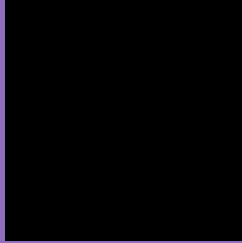
Any Text WCAG AA ✓ Pass

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, 109, 189 Background



This preview shows how black text looks on a background with the RGB color 145, 109, 189.

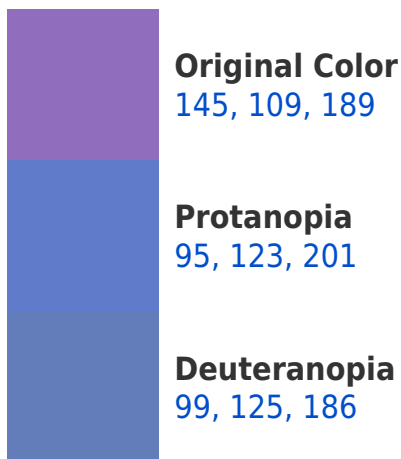


This preview shows how white text looks on a background with the RGB color 145, 109, 189.

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
135, 122, 131

Trichromacy



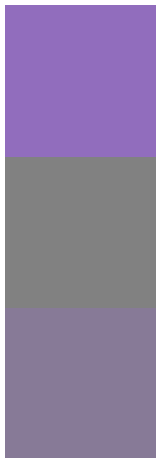
Original Color
145, 109, 189

Protanomaly
113, 118, 197

Deuteranomaly
116, 119, 187

Tritanomaly
139, 117, 152

Monochromacy



Original Color
145, 109, 189

Achromatopsia
129, 129, 129

Achromatomaly
135, 122, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 109, 189 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, 109, 189)` looks like.

```
.text, #text, p{  
    color:rgb(145, 109, 189)  
}
```

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, 109, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 109, 189) }
```

Border

The CSS property to change the border of an element to RGB 145, 109, 189 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, 109, 189) }
```

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

```
.border{ border-color:rgb(145, 109, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 109, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 109, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 109, 189); box-shadow:4px 4px 4px 4px rgb(145, 109, 189) }
```

Background

The CSS property to change the background color of an element to RGB 145, 109, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 109, 189) }
```

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

```
.background{ background-color: rgb(145,  
109, 189) }
```

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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