

Converting Colors

RGB(165, 124, 214)

Have a look what the booklet for
RGB(165, 124, 214) contains.

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Color

RGB(165, 124, 214)

Conversions

Conversions Part 1

Format	Color
Hex	A57CD6
RGB	165, 124, 214
RGB Percent	65%, 49%, 84%
CMY	0.3529, 0.5137, 0.1608
CMYK	0.23, 0.42, 0.00, 0.16
HSL	267°, 52%, 66%
HSV	267°, 42%, 84%
XYZ	34.8623, 27.2697, 67.0445
YIQ	146.5190, -4.4540, 36.6820

Conversions

Conversions Part 2

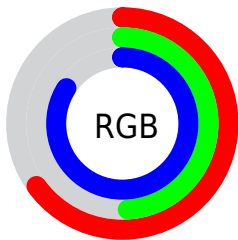
Format	Color
RYB	165, 124, 214
Decimal	10845398
CIELab	59.22, 33.67, -40.45
CIELCh	59, 52.636, 309.774
Yxy	27.2697, 0.2699, 0.2111
Android (android.graphics.Color)	4289035478 (0xFFA57CD6)
YUV	146.5190, 33.2681, 16.2078
Hunter-Lab	52.2204, 27.7809, -39.5667

Details

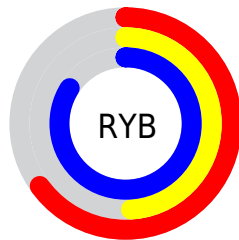
The RGB color **165, 124, 214** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **173, 214, 124**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **221, 177, 255**, and **111, 74, 159** is the 20% darker color. If you saturate the color by 10%, you get **153, 103, 214**, and if you desaturate by 10%, it is **177, 145, 214**.

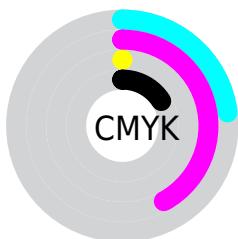
Distribution



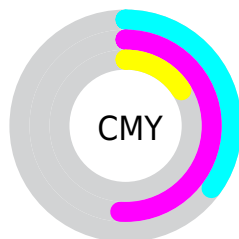
- Red (65%)
- Green (49%)
- Blue (84%)



- Red (65%)
- Yellow (49%)
- Blue (84%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 124, 214 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 165, 124, 214 by changing the saturation by 10% instead.


 165, 124, 214

 165, 124, 214

255, 255, 255

 138, 99, 186

 221, 177, 255

 111, 74, 159

 251, 205, 255

 85, 51, 132

 255, 233, 255

 59, 28, 107

 33, 4, 82

 13, 0, 59


 0, 2, 36

 0, 0, 11

 0, 0, 0

 165, 124, 214


 165, 124, 214


 153, 103, 214


 177, 145, 214

 142, 81, 214

 188, 167, 214

 130, 60, 214

 200, 188, 214

 118, 38, 214

 212, 210, 214

 107, 17, 214

 223, 231, 214

 97, 0, 214

 235, 252, 214

 247, 255, 214

 255, 255, 214

Harmonies

Analogous

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



83, 143, 234



165, 124, 214



210, 106, 176

Triad

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



165, 124, 214



193, 129, 53



0, 165, 157

Complementary

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



165, 124, 214



173, 214, 124

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, 163, 109



165, 124, 214



154, 145, 44

Square

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



165, 124, 214



220, 111, 86



104, 157, 68



0, 163, 201

Rectangle

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



165, 124, 214



225, 101, 145



104, 157, 68



0, 165, 141

Sweetspot

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



165, 124, 214



237, 222, 255



124, 174, 214



116, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 124, 214



186, 128, 255



209, 124, 214



101, 96, 107



78, 0, 171



20, 0, 43

Inverse Universe

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



214, 124, 173



255, 128, 197



128, 214, 124



107, 96, 102



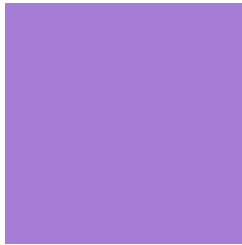
171, 0, 93



43, 0, 24

Previews

White Background



This preview shows how the RGB color 165, 124, 214 looks on a white background.

Color Contrast Check

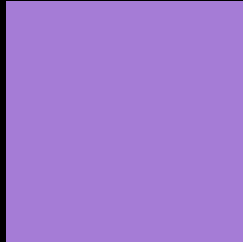
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 124, 214 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 165, 124, 214 Background



This preview shows how black text looks on a background with the RGB color 165, 124, 214.

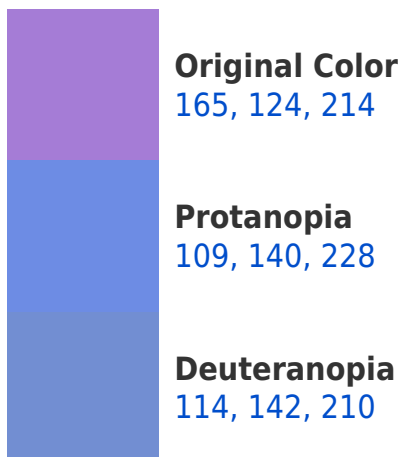



This preview shows how white text looks on a background with the RGB color 165, 124, 214.

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

154, 138, 149

Trichromacy



Original Color

165, 124, 214



Protanomaly

129, 134, 223



Deuteranomaly

133, 135, 211



Tritanomaly

158, 133, 173

Monochromacy



Original Color

165, 124, 214



Achromatopsia

147, 147, 147



Achromatomaly

154, 139, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 124, 214 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(165, 124, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 214)  
}
```

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(165, 124, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 214) }
```

Border

The CSS property to change the border of an element to RGB 165, 124, 214 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(165, 124, 214) }
```

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

```
.border{ border-color:rgb(165, 124, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 124, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 165, 124, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 214) }
```

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

```
.background{ background-color: rgb(165,  
124, 214) }
```

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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