

Converting Colors

RGB(165, 50, 165)

Have a look what the booklet for
RGB(165, 50, 165) contains.

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Color

RGB(165, 50, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A532A5
RGB	165, 50, 165
RGB Percent	65%, 20%, 65%
CMY	0.3529, 0.8039, 0.3529
CMYK	0.00, 0.70, 0.00, 0.35
HSL	300°, 53%, 42%
HSV	300°, 70%, 65%
XYZ	23.4492, 12.9971, 36.8701
YIQ	97.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

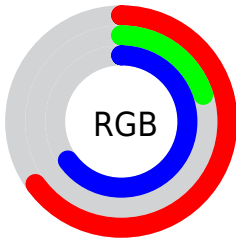
Format	Color
R _Y B	165, 50, 165
Decimal	10826405
CIE Lab	42.76, 60.32, -38.09
CIE LCh	43, 71.343, 327.728
Yxy	12.9971, 0.3198, 0.1773
Android (android.graphics.Color)	4289016485 (0xFFA532A5)
YUV	97.4950, 33.2800, 59.2019
Hunter-Lab	36.0516, 53.0124, -35.4001

Details

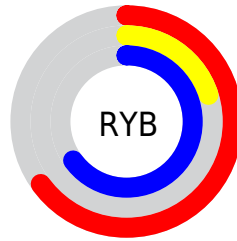
The RGB color **165, 50, 165** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **50, 165, 50**, and the grayscale version is **97, 97, 97**.

A 20% lighter version of the original color is **223, 107, 221**, and **109, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **165, 33, 165**, and if you desaturate by 10%, it is **165, 66, 165**.

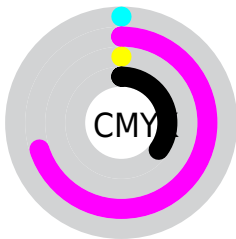
Distribution



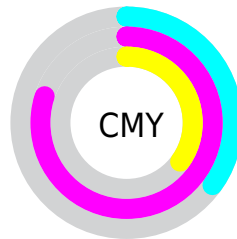
- Red (65%)
- Green (20%)
- Blue (65%)



- Red (65%)
- Yellow (20%)
- Blue (65%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (80%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 50, 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 165, 50, 165 by changing the saturation by 10% instead.

 165, 50, 165

 165, 50, 165

255, 255, 255

 137, 12, 138

 223, 107, 221

 109, 0, 112

 253, 134, 249

 82, 0, 88

 255, 162, 255

 57, 0, 64

 255, 191, 255

 30, 0, 41

 255, 220, 255

 0, 1, 18

 255, 249, 255


 0, 0, 0

 165, 50, 165

 165, 50, 165

 165, 33, 165

 165, 66, 165

 165, 17, 165


 165, 83, 165

 165, 0, 165


 165, 99, 165


 165, 0, 165

 165, 116, 165

 165, 132, 165

 165, 149, 165

 165, 165, 165

 165, 182, 165

 165, 198, 165

Harmonies

Analogous

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



79, 87, 207



165, 50, 165



198, 0, 108

Triad

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



165, 50, 165



127, 97, 0



0, 126, 155

Complementary

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



165, 50, 165



50, 165, 50

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, 125, 95



165, 50, 165



69, 113, 0

Square

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



165, 50, 165



171, 70, 0



0, 121, 30



0, 122, 201

Rectangle

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



165, 50, 165



201, 8, 69



0, 121, 30



0, 126, 135

Sweetspot

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



165, 50, 165



214, 169, 214



50, 50, 165



107, 80, 107



235, 235, 235



107, 107, 107

Same Dimension

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



165, 50, 165



214, 34, 214



165, 50, 107



82, 73, 82



145, 0, 145



18, 0, 18

Inverse Universe

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



165, 50, 165



214, 34, 214



50, 165, 107



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RGB color 165, 50, 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 165, 50, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

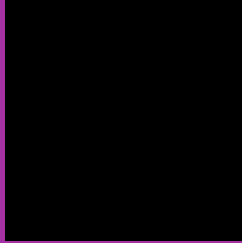
Any Text WCAG AA × Fail

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 165, 50, 165 Background



This preview shows how black text looks on a background with the RGB color 165, 50, 165.

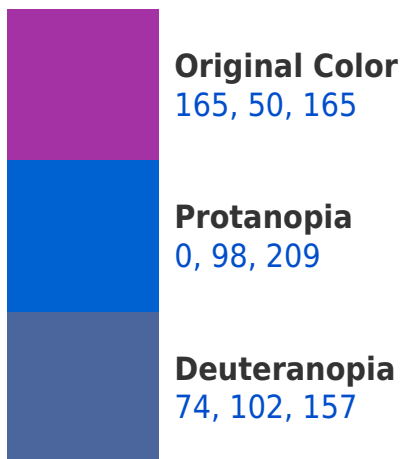


This preview shows how white text looks on a background with the RGB color 165, 50, 165.

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
156, 77, 83

Trichromacy



Original Color

165, 50, 165



Protanomaly

60, 81, 193



Deuteranomaly

107, 83, 160



Tritanomaly

159, 67, 113

Monochromacy



Original Color

165, 50, 165



Achromatopsia

97, 97, 97



Achromatomaly

122, 80, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 50, 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(165, 50, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 50, 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(165, 50, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 50, 165) }
```

Border

The CSS property to change the border of an element to RGB 165, 50, 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(165, 50, 165) }
```

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

```
.border{ border-color:rgb(165, 50, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 50, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 50, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 50, 165); box-shadow:4px 4px 4px 4px rgb(165, 50, 165) }
```

Background

The CSS property to change the background color of an element to RGB 165, 50, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 50, 165) }
```

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

```
.background{ background-color: rgb(165, 50,  
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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