

Converting Colors

RGB(165, 105, 201)

Have a look what the booklet for
RGB(165, 105, 201) contains.

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Color

RGB(165, 105, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A569C9
RGB	165, 105, 201
RGB Percent	65%, 41%, 79%
CMY	0.3529, 0.5882, 0.2118
CMYK	0.18, 0.48, 0.00, 0.21
HSL	278°, 47%, 60%
HSV	278°, 48%, 79%
XYZ	31.1112, 22.3195, 57.9267
YIQ	133.8840, 4.9440, 42.5760

Conversions

Conversions Part 2

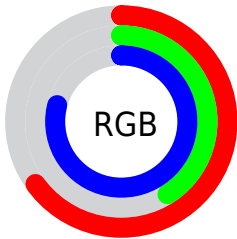
Format	Color
RYB	165, 105, 201
Decimal	10840521
CIELab	54.36, 41.29, -40.74
CIELCh	54, 58.005, 315.384
Yxy	22.3195, 0.2794, 0.2004
Android (android.graphics.Color)	4289030601 (0xFFA569C9)
YUV	133.8840, 33.0882, 27.2887
Hunter-Lab	47.2435, 34.8712, -39.6267

Details

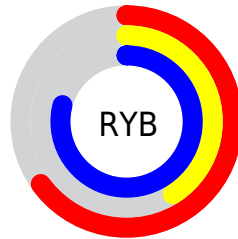
The RGB color **165, 105, 201** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **141, 201, 105**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **222, 158, 255**, and **111, 55, 146** is the 20% darker color. If you saturate the color by 10%, you get **157, 85, 201**, and if you desaturate by 10%, it is **173, 125, 201**.

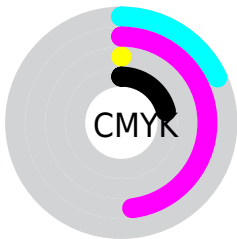
Distribution



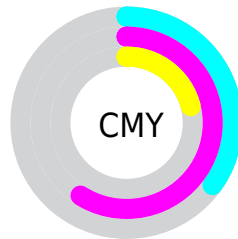
- Red (65%)
- Green (41%)
- Blue (79%)



- Red (65%)
- Yellow (41%)
- Blue (79%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (21%)



- Cyan (35%)
- Magenta (59%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 105, 201 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, 105, 201 by changing the saturation by 10% instead.


 165, 105, 201


 165, 105, 201

255, 255, 255

 138, 80, 173

 222, 158, 255

 111, 55, 146

 251, 185, 255

 85, 30, 120

 255, 213, 255

 59, 2, 95

 255, 242, 255

 34, 0, 71

 0, 0, 48


 0, 1, 26


 0, 0, 0


 165, 105, 201


 165, 105, 201


 157, 85, 201

 173, 125, 201

 150, 65, 201

 180, 145, 201

 142, 45, 201

 188, 165, 201


 135, 25, 201

 195, 185, 201

 127, 5, 201

 203, 206, 201

 126, 0, 201

 210, 226, 201

 218, 246, 201

 225, 255, 201

 233, 255, 201

Harmonies

Analogous

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



78, 127, 227



165, 105, 201



208, 85, 157

Triad

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



165, 105, 201



175, 119, 22



0, 154, 155

Complementary

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



165, 105, 201



141, 201, 105

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, 152, 103



165, 105, 201



131, 136, 15

Square

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



165, 105, 201



207, 98, 60



72, 146, 54



0, 151, 200

Rectangle

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



165, 105, 201



219, 80, 123



72, 146, 54



0, 154, 138

Sweetspot

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



165, 105, 201



242, 219, 255



105, 142, 201



119, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 105, 201



200, 110, 255



201, 105, 190



96, 90, 99



102, 0, 163



22, 0, 36

Inverse Universe

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



201, 105, 141



255, 110, 164



105, 201, 116



99, 90, 93



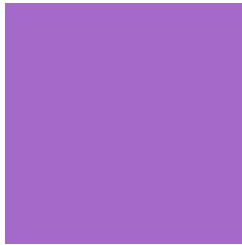
163, 0, 61



36, 0, 13

Previews

White Background



This preview shows how the RGB color 165, 105, 201 looks on a white background.

Color Contrast Check

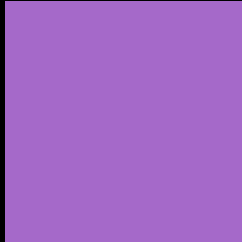
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

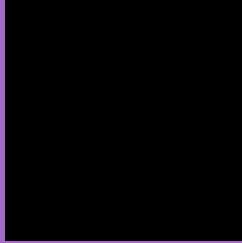
Any Text WCAG AA ✓ Pass

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, 105, 201 Background



This preview shows how black text looks on a background with the RGB color 165, 105, 201.

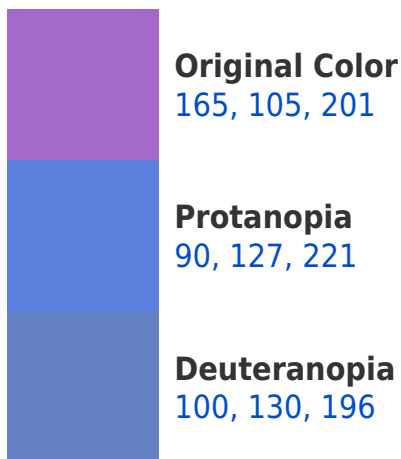



This preview shows how white text looks on a background with the RGB color 165, 105, 201.

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, 121, 131

Trichromacy



Original Color

165, 105, 201



Protanomaly

117, 119, 214



Deuteranomaly

124, 121, 198



Tritanomaly

158, 115, 156

Monochromacy



Original Color

165, 105, 201



Achromatopsia

134, 134, 134



Achromatomaly

145, 123, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 105, 201 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, 105, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 105, 201)  
}
```

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, 105, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 105, 201) }
```

Border

The CSS property to change the border of an element to RGB 165, 105, 201 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, 105, 201) }
```

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

```
.border{ border-color:rgb(165, 105, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 105, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 105, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 105, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 105,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 165, 105, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 105, 201) }
```

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

```
.background{ background-color: rgb(165,  
105, 201) }
```

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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