

Converting Colors

RGB(163, 105, 153)

Have a look what the booklet for
RGB(163, 105, 153) contains.

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Color

RGB(163, 105, 153)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A36999 |
| RGB | 163, 105, 153 |
| RGB Percent | 64%, 41%, 60% |
| CMY | 0.3608, 0.5882, 0.4000 |
| CMYK | 0.00, 0.36, 0.06, 0.36 |
| HSL | 310°, 24%, 53% |
| HSV | 310°, 36%, 64% |
| XYZ | 25.9056, 20.1896, 32.6686 |
| YIQ | 127.8140, 19.1600, 27.2240 |

Conversions

Conversions Part 2

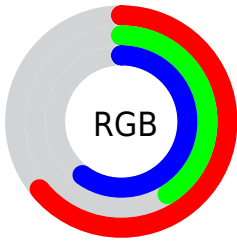
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 163, 105, 153 |
| Decimal | 10709401 |
| CIE _{Lab} | 52.05, 30.86, -16.56 |
| CIE _{LCh} | 52, 35.023, 331.777 |
| Yxy | 20.1896, 0.3289, 0.2563 |
| Android (android.graphics.Color) | 4288899481 (0xFFA36999) |
| YUV | 127.8140, 12.4167, 30.8581 |
| Hunter-Lab | 44.9328, 24.2801, -11.6541 |

Details

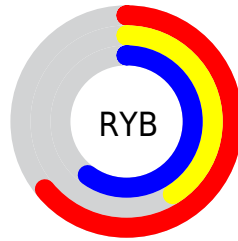
The RGB color **163, 105, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **105, 163, 115**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **219, 157, 207**, and **110, 56, 102** is the 20% darker color. If you saturate the color by 10%, you get **163, 89, 150**, and if you desaturate by 10%, it is **163, 121, 156**.

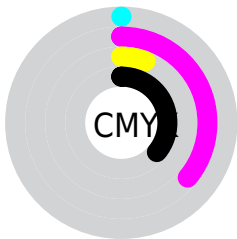
Distribution



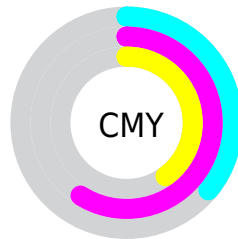
- Red (64%)
- Green (41%)
- Blue (60%)



- Red (64%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (36%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 105, 153 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 163, 105, 153 by changing the saturation by 10% instead.

 163, 105, 153

255, 255, 255

 219, 157, 207

 248, 184, 236


 255, 212, 255

 255, 241, 255

 163, 105, 153

 136, 80, 127

 110, 56, 102

 85, 32, 78

 60, 8, 55

 40, 0, 34

 0, 0, 7

 0, 0, 0

 163, 105, 153

 163, 89, 150

 163, 105, 153

 163, 121, 156

163, 72, 147

163, 138, 159

163, 56, 145

163, 154, 161

163, 40, 142

163, 170, 164

163, 23, 139

163, 187, 167

163, 7, 136

163, 203, 170

163, 0, 135

163, 219, 173

163, 235, 175

163, 252, 178

Harmonies

Analogous

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



129, 116, 175



163, 105, 153



180, 100, 123

Triad

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



163, 105, 153



141, 123, 63



0, 139, 155

Complementary

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



163, 105, 153



105, 163, 115

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.



6, 140, 125



163, 105, 153



110, 132, 72

Square

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



163, 105, 153



166, 112, 72



73, 137, 95



0, 135, 176

Rectangle

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



163, 105, 153



182, 101, 103



73, 137, 95



0, 140, 145

Sweetspot

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



163, 105, 153



212, 188, 208



115, 105, 163



107, 93, 105



235, 235, 235



107, 107, 107

Same Dimension

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



163, 105, 153



212, 121, 196



163, 105, 124



82, 73, 80



145, 0, 120



18, 0, 15

Inverse Universe

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



163, 105, 153



212, 121, 196



105, 163, 144



82, 73, 80



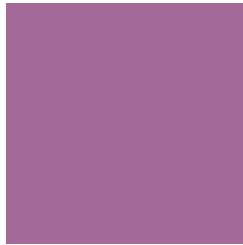
145, 0, 120



18, 0, 15

Previews

White Background



This preview shows how the RGB color 163, 105, 153 looks on a white background.

Color Contrast Check

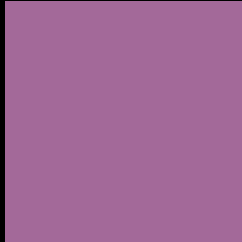
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 105, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

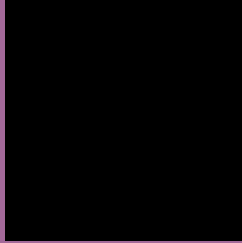
Any Text WCAG AA ✓ Pass

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 163, 105, 153 Background



This preview shows how black text looks on a background with the RGB color 163, 105, 153.

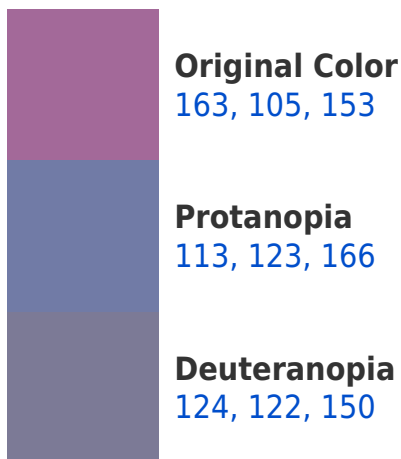


This preview shows how white text looks on a background with the RGB color 163, 105, 153.

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
159, 111, 120

Trichromacy



Original Color
163, 105, 153

Protanomaly
131, 116, 161

Deuteranomaly
138, 116, 151

Tritanomaly
160, 109, 132

Monochromacy



Original Color
163, 105, 153

Achromatopsia
128, 128, 128

Achromatomaly
141, 120, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 105, 153 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(163, 105, 153)` looks like.

```
.text, #text, p{  
    color:rgb(163, 105, 153)  
}
```

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(163, 105, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 105, 153) }
```

Border

The CSS property to change the border of an element to RGB 163, 105, 153 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(163, 105, 153) }
```

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

```
.border{ border-color:rgb(163, 105, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 105, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 105, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 105, 153);  
box-shadow:4px 4px 4px 4px rgb(163, 105,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 163, 105, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 105, 153) }
```

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

```
.background{ background-color: rgb(163,  
105, 153) }
```

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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