

Converting Colors

RGB(165, 112, 155)

Have a look what the booklet for
RGB(165, 112, 155) contains.

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Color

RGB(165, 112, 155)

Conversions

Conversions Part 1

Format	Color
Hex	A5709B
RGB	165, 112, 155
RGB Percent	65%, 44%, 61%
CMY	0.3529, 0.5608, 0.3922
CMYK	0.00, 0.32, 0.06, 0.35
HSL	311°, 23%, 54%
HSV	311°, 32%, 65%
XYZ	27.2276, 21.9542, 33.8129
YIQ	132.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

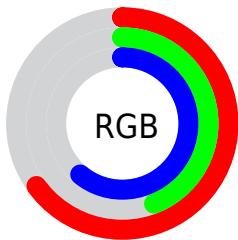
Format	Color
R_{YB}	165, 112, 155
Decimal	10842267
CIE _{Lab}	53.98, 27.97, -14.78
CIE _{LCh}	54, 31.641, 332.143
Y _{xy}	21.9542, 0.3281, 0.2645
Android (android.graphics.Color)	4289032347 (0xFFA5709B)
YUV	132.7490, 10.9697, 28.2841
Hunter-Lab	46.8553, 21.7294, -9.9875

Details

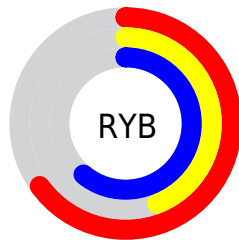
The RGB color **165, 112, 155** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **112, 165, 122**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **221, 164, 210**, and **112, 63, 104** is the 20% darker color. If you saturate the color by 10%, you get **165, 95, 152**, and if you desaturate by 10%, it is **165, 129, 158**.

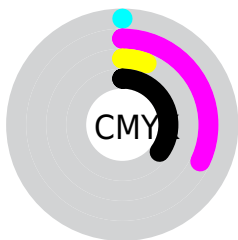
Distribution



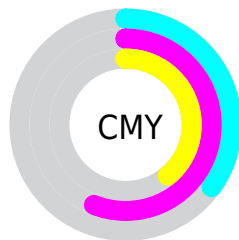
- Red (65%)
- Green (44%)
- Blue (61%)



- Red (65%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the RGB color 165, 112, 155 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, 112, 155 by changing the saturation by 10% instead.

 165, 112, 155

255, 255, 255

 221, 164, 210

 250, 192, 238

 255, 220, 255

 255, 249, 255

 165, 112, 155


 165, 95, 152

 165, 112, 155

 138, 87, 129

 112, 63, 104

 87, 40, 80


 63, 17, 57


 41, 0, 35

 0, 0, 11


 0, 0, 0

 165, 112, 155

 165, 129, 158

 165, 79, 149


 165, 145, 161


 165, 62, 146

 165, 161, 164

 165, 46, 143

 165, 178, 167

 165, 29, 139

 165, 194, 171

 165, 13, 136

 165, 211, 174

 165, 0, 134

 165, 227, 177

 165, 244, 180

 165, 255, 183

Harmonies

Analogous

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



135, 121, 175



165, 112, 155



180, 108, 128

Triad

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



165, 112, 155



145, 128, 74



0, 143, 157

Complementary

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



165, 112, 155



112, 165, 122

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.



44, 144, 130



165, 112, 155



116, 136, 82

Square

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



165, 112, 155



168, 119, 81



83, 141, 103



40, 139, 177

Rectangle

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



165, 112, 155



182, 109, 110



83, 141, 103



7, 143, 149

Sweetspot

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



165, 112, 155



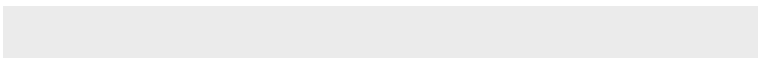
214, 193, 210



122, 112, 165



107, 94, 105



235, 235, 235



107, 107, 107

Same Dimension

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



165, 112, 155



214, 131, 198



165, 112, 129



82, 73, 80



145, 0, 118



18, 0, 14

Inverse Universe

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



165, 112, 155



214, 131, 198



112, 165, 148



82, 73, 80



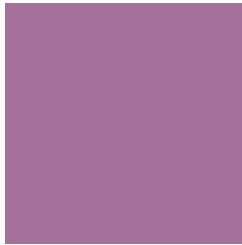
145, 0, 118



18, 0, 14

Previews

White Background



This preview shows how the RGB color 165, 112, 155 looks on a white background.

Color Contrast Check

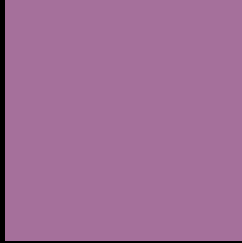
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

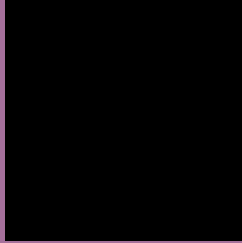
Any Text WCAG AA ✓ Pass

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, 112, 155 Background



This preview shows how black text looks on a background with the RGB color 165, 112, 155.



This preview shows how white text looks on a background with the RGB color 165, 112, 155.

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



Original Color
165, 112, 155

Protanopia
120, 128, 166

Deuteranopia
131, 126, 152



Tritanopia
161, 117, 126

Trichromacy



Original Color
165, 112, 155

Protanomaly
136, 122, 162

Deuteranomaly
143, 121, 153

Tritanomaly
162, 115, 137

Monochromacy



Original Color
165, 112, 155

Achromatopsia
133, 133, 133

Achromatomaly
145, 125, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 112, 155 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, 112, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 112, 155)  
}
```

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, 112, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 112, 155) }
```

Border

The CSS property to change the border of an element to RGB 165, 112, 155 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, 112, 155) }
```

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

```
.border{ border-color:rgb(165, 112, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 112, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 112, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 112, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 112,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 165, 112, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 112, 155) }
```

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

```
.background{ background-color: rgb(165,  
112, 155) }
```

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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