

Converting Colors

RGB(166, 91, 135)

Have a look what the booklet for
RGB(166, 91, 135) contains.

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Color

RGB(166, 91, 135)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A65B87 |
| RGB | 166, 91, 135 |
| RGB Percent | 65%, 36%, 53% |
| CMY | 0.3490, 0.6431, 0.4706 |
| CMYK | 0.00, 0.45, 0.19, 0.35 |
| HSL | 325°, 30%, 50% |
| HSV | 325°, 45%, 65% |
| XYZ | 23.8401, 17.3384, 25.0118 |
| YIQ | 118.4410, 30.5760, 29.5840 |

Conversions

Conversions Part 2

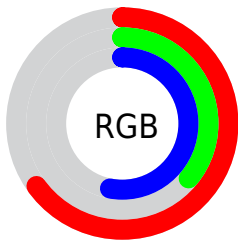
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 166, 91, 135 |
| Decimal | 10902407 |
| CIELab | 48.68, 36.52, -10.96 |
| CIElCh | 49, 38.128, 343.288 |
| Yxy | 17.3384, 0.3602, 0.2619 |
| Android (android.graphics.Color) | 4289092487 (0xFFA65B87) |
| YUV | 118.4410, 8.1636, 41.7092 |
| Hunter-Lab | 41.6394, 29.3289, -6.4665 |

Details

The RGB color **166, 91, 135** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **91, 166, 122**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **223, 143, 188**, and **112, 41, 85** is the 20% darker color. If you saturate the color by 10%, you get **166, 74, 128**, and if you desaturate by 10%, it is **166, 108, 142**.

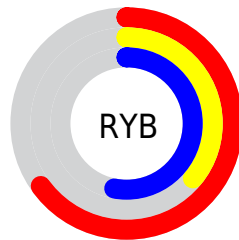
Distribution



Red (65%)

Green (36%)

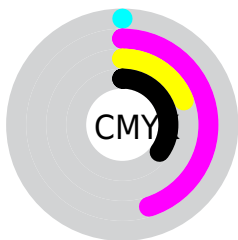
Blue (53%)



Red (65%)

Yellow (36%)

Blue (53%)

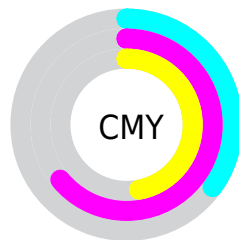


Cyan (0%)

Magenta (45%)

Yellow (19%)

Black (35%)



Cyan (35%)

Magenta (64%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 91, 135 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 166, 91, 135 by changing the saturation by 10% instead.

 166, 91, 135

 166, 91, 135


255, 255, 255

 139, 66, 110

 223, 143, 188

 112, 41, 85

 252, 170, 216

 86, 15, 62

 255, 198, 244

 61, 0, 40

 255, 226, 255

 40, 0, 20

 0, 0, 0


 166, 91, 135

 166, 91, 135

 166, 74, 128

 166, 108, 142

 166, 58, 121

 166, 124, 149

166, 41, 114

166, 141, 156

166, 25, 108

166, 157, 162

166, 8, 101

166, 174, 169

166, 0, 97

166, 191, 176

166, 207, 183

166, 224, 190

166, 240, 197

Harmonies

Analogous

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



137, 102, 163



166, 91, 135



176, 89, 102

Triad

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



166, 91, 135



121, 118, 50



0, 130, 159

Complementary

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



166, 91, 135



91, 166, 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.



0, 132, 129



166, 91, 135



85, 126, 67

Square

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



166, 91, 135



150, 107, 53



33, 131, 96



0, 124, 177

Rectangle

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



166, 91, 135



174, 93, 82



33, 131, 96



0, 131, 150

Sweetspot

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



166, 91, 135



217, 186, 204



121, 91, 166



110, 91, 102



237, 237, 237



110, 110, 110

Same Dimension

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



166, 91, 135



217, 100, 168



166, 91, 99



84, 76, 81



148, 0, 87



20, 0, 12

Inverse Universe

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



166, 91, 135



217, 100, 168



91, 166, 158



84, 76, 81



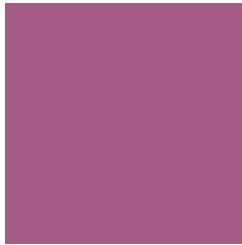
148, 0, 87



20, 0, 12

Previews

White Background



This preview shows how the RGB color 166, 91, 135 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 166, 91, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

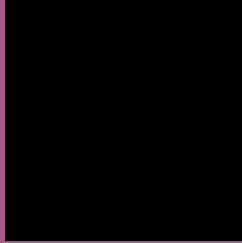
Any Text WCAG AA × Fail

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 166, 91, 135 Background



This preview shows how black text looks on a background with the RGB color 166, 91, 135.

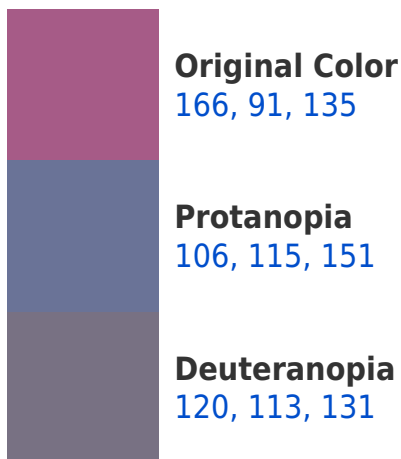


This preview shows how white text looks on a background with the RGB color 166, 91, 135.

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
163, 97, 104

Trichromacy



Original Color

166, 91, 135

Protanomaly

128, 106, 145

Deuteranomaly

137, 105, 132

Tritanomaly

164, 95, 115

Monochromacy



Original Color

166, 91, 135

Achromatopsia

118, 118, 118

Achromatomaly

135, 108, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 91, 135 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(166, 91, 135)` looks like.

```
.text, #text, p{  
    color:rgb(166, 91, 135)  
}
```

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(166, 91, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 91, 135) }
```

Border

The CSS property to change the border of an element to RGB 166, 91, 135 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(166, 91, 135) }
```

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

```
.border{ border-color:rgb(166, 91, 135) }
```

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

Here you see how a box with a 4 pixel rgb(166, 91, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 91, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 91, 135);  
box-shadow:4px 4px 4px 4px rgb(166, 91,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 166, 91, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 91, 135) }
```

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

```
.background{ background-color: rgb(166, 91,  
135) }
```

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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