

Converting Colors

RGB(166, 165, 89)

Have a look what the booklet for
RGB(166, 165, 89) contains.

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Color

RGB(166, 165, 89)

Conversions

Conversions Part 1

Format	Color
Hex	A6A559
RGB	166, 165, 89
RGB Percent	65%, 65%, 35%
CMY	0.3490, 0.3529, 0.6510
CMYK	0.00, 0.01, 0.46, 0.35
HSL	59°, 30%, 50%
HSV	59°, 46%, 65%
XYZ	30.9842, 35.7385, 14.7164
YIQ	156.6350, 24.9920, -23.4240

Conversions

Conversions Part 2

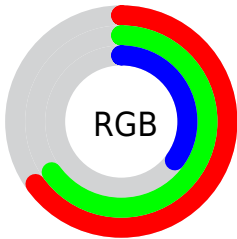
Format	Color
RYB	90, 166, 89
Decimal	10921305
CIELab	66.32, -10.71, 39.29
CIELCh	66, 40.726, 105.248
Yxy	35.7385, 0.3805, 0.4388
Android (android.graphics.Color)	4289111385 (0xFFA6A559)
YUV	156.6350, -33.3441, 8.2131
Hunter-Lab	59.7817, -12.1034, 27.2519

Details

The RGB color **166, 165, 89** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **89, 90, 166**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **222, 220, 141**, and **112, 113, 40** is the 20% darker color. If you saturate the color by 10%, you get **166, 165, 72**, and if you desaturate by 10%, it is **166, 165, 106**.

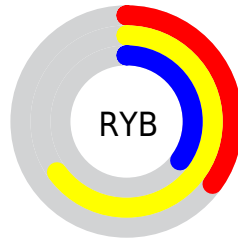
Distribution



Red (65%)

Green (65%)

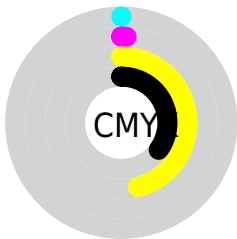
Blue (35%)



Red (35%)

Yellow (65%)

Blue (35%)

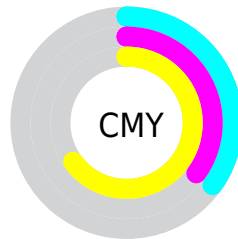


Cyan (0%)

Magenta (1%)

Yellow (46%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 165, 89 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, 165, 89 by changing the saturation by 10% instead.

 166, 165, 89

 166, 165, 89

255, 255, 255

 139, 139, 64

 222, 220, 141

 112, 113, 40

 252, 248, 167

 87, 89, 14

 255, 255, 195

 62, 66, 0


 255, 255, 223

 38, 44, 0

 255, 255, 252

 8, 24, 0

 0, 0, 0

 166, 165, 89

 166, 165, 89

 166, 165, 72

 166, 165, 106

■ 166, 165, 56

■ 166, 165, 122

■ 166, 164, 39

■ 166, 166, 139

■ 166, 164, 23

■ 166, 166, 155

■ 166, 164, 6

■ 166, 166, 172

■ 166, 164, 0

■ 166, 166, 189

■ 166, 167, 205

■ 166, 167, 222

■ 166, 167, 238

Harmonies

Analogous

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



200, 153, 90



166, 165, 89



125, 174, 108

Triad

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



166, 165, 89



0, 178, 212



221, 134, 181

Complementary

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



166, 165, 89



89, 90, 166

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.



189, 145, 213



166, 165, 89



65, 170, 231

Square

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



166, 165, 89



0, 180, 179



137, 158, 232



232, 132, 144

Rectangle

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



166, 165, 89



93, 178, 129



137, 158, 232



212, 137, 193

Sweetspot

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



166, 165, 89



217, 216, 186



166, 89, 90



110, 109, 91



237, 237, 237



110, 110, 110

Same Dimension

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



166, 165, 89



217, 215, 95



129, 166, 89



84, 84, 76



148, 146, 0



20, 20, 0

Inverse Universe

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



89, 90, 166



95, 97, 217



126, 89, 166



76, 76, 84



0, 2, 148



0, 0, 20

Previews

White Background



This preview shows how the RGB color 166, 165, 89 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 166, 165, 89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

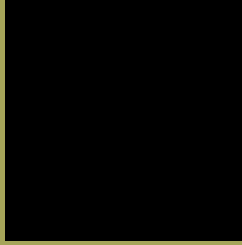
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 166, 165, 89 Background



This preview shows how black text looks on a background with the RGB color 166, 165, 89.



This preview shows how white text looks on a background with the RGB color 166, 165, 89.

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


166, 165, 89

Protanopia

177, 161, 88

Deuteranopia

196, 154, 92



Tritanopia
175, 156, 168

Trichromacy



Original Color
166, 165, 89

Protanomaly
173, 162, 88

Deuteranomaly
185, 158, 91

Tritanomaly
172, 159, 139

Monochromacy



Original Color
166, 165, 89

Achromatopsia
157, 157, 157

Achromatomaly
160, 160, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 165, 89 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, 165, 89)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 89)  
}
```

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, 165, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 89) }
```

Border

The CSS property to change the border of an element to RGB 166, 165, 89 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, 165, 89) }
```

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

```
.border{ border-color:rgb(166, 165, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 89);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 166, 165, 89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 89) }
```

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

```
.background{ background-color: rgb(166,  
165, 89) }
```

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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