

Converting Colors

RGB(163, 166, 165)

Have a look what the booklet for
RGB(163, 166, 165) contains.

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Color

RGB(163, 166, 165)

Conversions

Conversions Part 1

Format	Color
Hex	A3A6A5
RGB	163, 166, 165
RGB Percent	64%, 65%, 65%
CMY	0.3608, 0.3490, 0.3529
CMYK	0.02, 0.00, 0.01, 0.35
HSL	160°, 2%, 65%
HSV	160°, 2%, 65%
XYZ	35.5320, 37.7756, 41.0160
YIQ	164.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

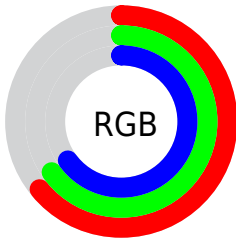
Format	Color
RYB	163, 165, 166
Decimal	10725029
CIELab	67.85, -1.25, 0.14
CIELCh	68, 1.262, 173.853
Yxy	37.7756, 0.3108, 0.3304
Android (android.graphics.Color)	4288915109 (0xFFA3A6A5)
YUV	164.9890, 0.0054, -1.7444
Hunter-Lab	61.4618, -4.3647, 3.4567

Details

The RGB color **163, 166, 165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 163, 164**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **218, 221, 220**, and **111, 114, 113** is the 20% darker color. If you saturate the color by 10%, you get **146, 166, 159**, and if you desaturate by 10%, it is **180, 166, 171**.

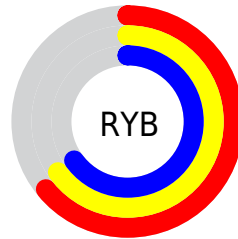
Distribution



Red (64%)

Green (65%)

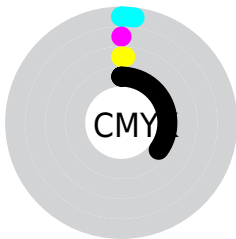
Blue (65%)



Red (64%)

Yellow (65%)

Blue (65%)

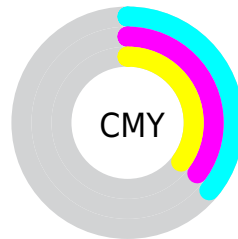


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (36%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 166, 165 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, 166, 165 by changing the saturation by 10% instead.


 163, 166, 165


255, 255, 255

 218, 221, 220

 246, 250, 248

 163, 166, 165


 137, 140, 139

 111, 114, 113

 87, 90, 89

 64, 66, 65


 42, 44, 43


 21, 24, 23

 0, 0, 0

 163, 166, 165

 146, 166, 159

 163, 166, 165


 180, 166, 171

 130, 166, 154


 196, 166, 176

 113, 166, 148


 213, 166, 182

 97, 166, 143


 229, 166, 187

 80, 166, 137


 246, 166, 193

 63, 166, 132


 255, 166, 198

 47, 166, 126

 255, 166, 204

 30, 166, 121

 255, 166, 209

 14, 166, 115

 255, 166, 215

Harmonies

Analogous

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



164, 166, 164



163, 166, 165



163, 166, 166

Triad

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



163, 166, 165



165, 165, 167



168, 165, 163

Complementary

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



163, 166, 165



166, 163, 164

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.



168, 165, 164



163, 166, 165



167, 165, 167

Square

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



163, 166, 165



164, 165, 168



168, 165, 166



167, 165, 163

Rectangle

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



163, 166, 165



163, 166, 167



168, 165, 166



168, 165, 164

Sweetspot

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



163, 166, 165



215, 217, 216



164, 166, 163



109, 110, 109



237, 237, 237



110, 110, 110

Same Dimension

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



163, 166, 165



212, 217, 215



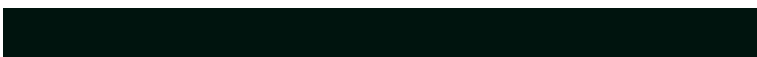
163, 165, 166



82, 84, 84



0, 148, 99



0, 20, 14

Inverse Universe

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



166, 163, 164



217, 212, 214



166, 163, 163



84, 82, 83



148, 0, 49



20, 0, 7

Previews

White Background



This preview shows how the RGB color 163, 166, 165 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 163, 166, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

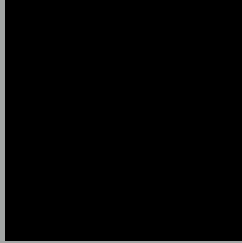
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

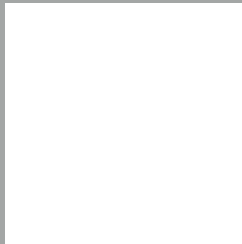
Any Text WCAG AAA ✓ Pass

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

RGB 163, 166, 165 Background



This preview shows how black text looks on a background with the RGB color 163, 166, 165.



This preview shows how white text looks on a background with the RGB color 163, 166, 165.

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
163, 166, 165

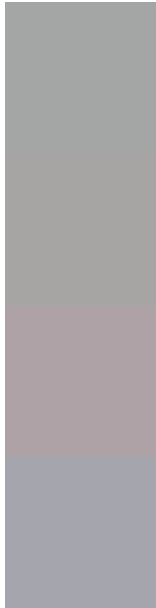
Protanopia
168, 164, 164

Deuteranopia
181, 160, 166



Tritanopia
165, 164, 177

Trichromacy



Original Color

163, 166, 165

Protanomaly

166, 165, 164

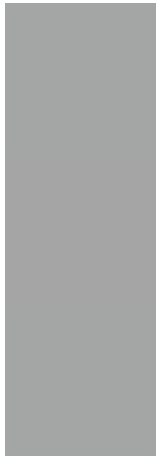
Deuteranomaly

174, 162, 166

Tritanomaly

164, 165, 173

Monochromacy



Original Color

163, 166, 165

Achromatopsia

165, 165, 165

Achromatomaly

164, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 166, 165 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, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 166, 165)  
}
```

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, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 166, 165) }
```

Border

The CSS property to change the border of an element to RGB 163, 166, 165 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, 166, 165) }
```

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

```
.border{ border-color:rgb(163, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 166,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 163, 166, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 166, 165) }
```

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

```
.background{ background-color: rgb(163,  
166, 165) }
```

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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