

Converting Colors

RGB(99, 106, 110)

Have a look what the booklet for
RGB(99, 106, 110) contains.

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Color

RGB(99, 106, 110)

Conversions

Conversions Part 1

Format	Color
Hex	636A6E
RGB	99, 106, 110
RGB Percent	39%, 42%, 43%
CMY	0.6118, 0.5843, 0.5686
CMYK	0.10, 0.04, 0.00, 0.57
HSL	202°, 5%, 41%
HSV	202°, 10%, 43%
XYZ	13.1141, 14.0865, 16.7796
YIQ	104.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

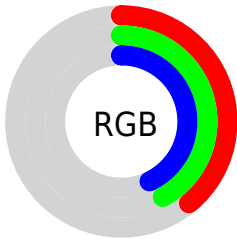
Format	Color
R_{YB}	99, 103, 110
Decimal	6515310
CIE Lab	44.36, -1.79, -3.16
CIE LCh	44, 3.636, 240.477
Yxy	14.0865, 0.2982, 0.3203
Android (android.graphics.Color)	4284705390 (0xFF636A6E)
YUV	104.3630, 2.7790, -4.7034
Hunter-Lab	37.5320, -3.3111, -0.2347

Details

The RGB color **99, 106, 110** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110, 103, 99**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **150, 157, 162**, and **52, 59, 63** is the 20% darker color. If you saturate the color by 10%, you get **88, 102, 110**, and if you desaturate by 10%, it is **110, 110, 110**.

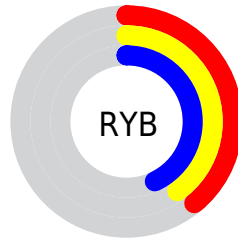
Distribution



Red (39%)

Green (42%)

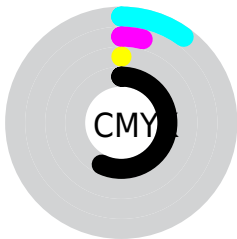
Blue (43%)



Red (39%)

Yellow (40%)

Blue (43%)

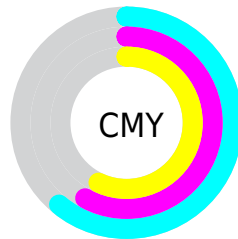


Cyan (10%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (61%)

Magenta (58%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 106, 110 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 99, 106, 110 by changing the saturation by 10% instead.

■ 99, 106, 110

255, 255, 255

■ 150, 157, 162

■ 176, 184, 189

■ 204, 212, 216

■ 232, 240, 245

■ 99, 106, 110

■ 75, 82, 86

■ 52, 59, 63

■ 31, 37, 41

■ 8, 16, 20

■ 0, 0, 0

■ 99, 106, 110

■ 88, 102, 110

■ 77, 98, 110

■ 66, 94, 110

■ 99, 106, 110

■ 110, 110, 110

■ 121, 114, 110

■ 132, 118, 110

■ 55, 90, 110

■ 143, 122, 110

■ 44, 86, 110

■ 154, 126, 110

■ 33, 82, 110

■ 165, 130, 110

■ 22, 78, 110

■ 176, 134, 110

■ 11, 74, 110

■ 187, 138, 110

■ 0, 70, 110

■ 198, 142, 110

Harmonies

Analogous

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



98, 107, 108



99, 106, 110



102, 105, 111

Triad

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



99, 106, 110



111, 103, 105



104, 106, 100

Complementary

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



99, 106, 110



110, 103, 99

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.



107, 105, 99



99, 106, 110



112, 103, 102

Square

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



99, 106, 110



109, 103, 108



110, 104, 100



101, 106, 102

Rectangle

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



99, 106, 110



104, 104, 110



110, 104, 100



105, 105, 99

Sweetspot

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



99, 106, 110



139, 141, 143



99, 110, 103



69, 70, 71



199, 199, 199



71, 71, 71

Same Dimension

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



99, 106, 110



126, 137, 143



99, 101, 110



50, 54, 56



0, 76, 120



0, 157, 247

Inverse Universe

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



110, 99, 106



143, 126, 137



110, 108, 99



56, 50, 54



120, 0, 76



247, 0, 157

Previews

White Background



This preview shows how the RGB color 99, 106, 110 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 99, 106, 110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

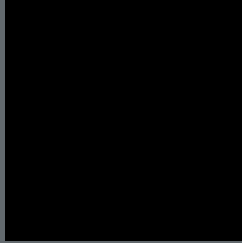
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

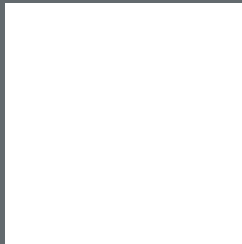
Any Text WCAG AAA × Fail

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

RGB 99, 106, 110 Background



This preview shows how black text looks on a background with the RGB color 99, 106, 110.



This preview shows how white text looks on a background with the RGB color 99, 106, 110.

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


[99, 106, 110](#)

Protanopia

[105, 104, 109](#)

Deuteranopia

[112, 102, 111](#)



Tritanopia
100, 105, 114

Trichromacy



Original Color

99, 106, 110

Protanomaly

103, 105, 109

Deuteranomaly

107, 103, 111

Tritanomaly

100, 105, 113

Monochromacy



Original Color

99, 106, 110

Achromatopsia

104, 104, 104

Achromatomaly

102, 105, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 106, 110 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(99, 106, 110) looks like.

```
.text, #text, p{  
    color:rgb(99, 106, 110)  
}
```

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(99, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 106, 110) }
```

Border

The CSS property to change the border of an element to RGB 99, 106, 110 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(99, 106, 110) }
```

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

```
.border{ border-color:rgb(99, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(99, 106,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 99, 106, 110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 106, 110) }
```

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

```
.background{ background-color: rgb(99, 106,  
110) }
```

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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