

Converting Colors

RGB(18, 99, 102)

Have a look what the booklet for
RGB(18, 99, 102) contains.

RGB(18, 99, 102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(18, 99, 102)

Conversions

Conversions Part 1

Format	Color
Hex	126366
RGB	18, 99, 102
RGB Percent	7%, 39%, 40%
CMY	0.9294, 0.6118, 0.6000
CMYK	0.82, 0.03, 0.00, 0.60
HSL	182°, 70%, 24%
HSV	182°, 82%, 40%
XYZ	7.1096, 10.0116, 14.1281
YIQ	75.1230, -49.2390, -16.2390

Conversions

Conversions Part 2

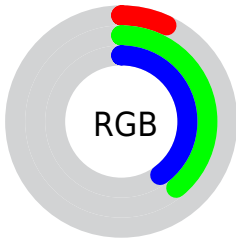
Format	Color
RYB	18, 59, 102
Decimal	1205094
CIELab	37.86, -21.50, -8.38
CIELCh	38, 23.075, 201.307
Yxy	10.0116, 0.2275, 0.3204
Android (android.graphics.Color)	4279395174 (0xFF126366)
YUV	75.1230, 13.2504, -50.0969
Hunter-Lab	31.6411, -15.2640, -4.3249

Details

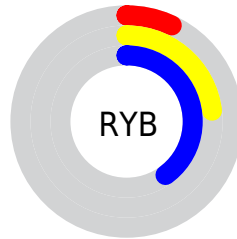
The RGB color **18, 99, 102** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **102, 21, 18**, and the grayscale version is **75, 75, 75**.

A 20% lighter version of the original color is **79, 150, 153**, and **0, 52, 55** is the 20% darker color. If you saturate the color by 10%, you get **8, 99, 102**, and if you desaturate by 10%, it is **28, 99, 102**.

Distribution



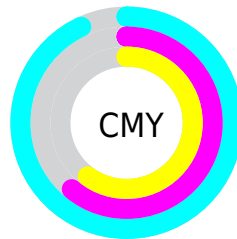
- Red (7%)
- Green (39%)
- Blue (40%)



- Red (7%)
- Yellow (23%)
- Blue (40%)



- Cyan (82%)
- Magenta (3%)
- Yellow (0%)
- Black (60%)



- Cyan (93%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 18, 99, 102 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 18, 99, 102 by changing the saturation by 10% instead.

 18, 99, 102

 18, 99, 102


255, 255, 255

 0, 75, 78

 79, 150, 153

 0, 52, 55

 106, 177, 180

 0, 32, 34

 133, 205, 207

 0, 0, 11

 161, 233, 235

 0, 0, 0

 189, 255, 255

 218, 255, 255

 247, 255, 255

 18, 99, 102

 18, 99, 102

■ 8, 99, 102

■ 28, 99, 102

■ 0, 98, 102

■ 38, 100, 102

■ 49, 100, 102

■ 59, 100, 102

■ 69, 101, 102

■ 79, 101, 102

■ 89, 102, 102

■ 100, 102, 102

■ 110, 102, 102

Harmonies

Analogous

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



43, 99, 83



18, 99, 102



22, 97, 118

Triad

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



18, 99, 102



107, 80, 113



106, 86, 52

Complementary

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



18, 99, 102



102, 21, 18

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.



120, 80, 61



18, 99, 102



122, 75, 95

Square

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



18, 99, 102



84, 86, 124



126, 75, 76



88, 92, 54

Rectangle

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



18, 99, 102



42, 94, 124



126, 75, 76



112, 84, 54

Sweetspot

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



18, 99, 102



99, 131, 133



18, 102, 21



46, 66, 66



194, 194, 194



66, 66, 66

Same Dimension

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



18, 99, 102



1, 128, 133



18, 57, 102



46, 51, 51



0, 111, 115



0, 234, 242

Inverse Universe

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



102, 18, 99



133, 1, 128



102, 63, 18



51, 46, 51



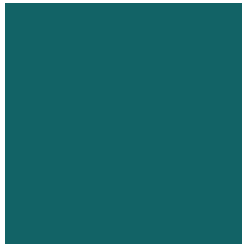
115, 0, 111



242, 0, 234

Previews

White Background



This preview shows how the RGB color 18, 99, 102 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 18, 99, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

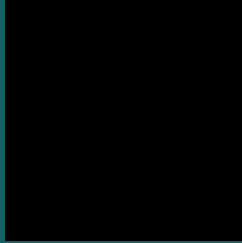
Any Text WCAG AA × Fail

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 18, 99, 102 Background



This preview shows how black text looks on a background with the RGB color 18, 99, 102.

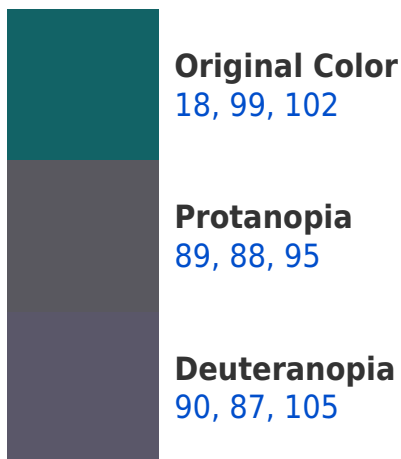


This preview shows how white text looks on a background with the RGB color 18, 99, 102.

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
22, 98, 106

Trichromacy



Original Color
18, 99, 102

Protanomaly
63, 92, 98

Deuteranomaly
64, 91, 104

Tritanomaly
21, 98, 105

Monochromacy



Original Color
18, 99, 102

Achromatopsia
75, 75, 75

Achromatomaly
54, 84, 85

CSS Examples

Text

The CSS property to change the color of the text to RGB 18, 99, 102 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(18, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(18, 99, 102)  
}
```

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(18, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 99, 102) }
```

Border

The CSS property to change the border of an element to RGB 18, 99, 102 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(18, 99, 102) }
```

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

```
.border{ border-color:rgb(18, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(18, 99,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 18, 99, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 99, 102) }
```

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

```
.background{ background-color: rgb(18, 99,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor