

Converting Colors

RGB(10, 160, 170)

Have a look what the booklet for
RGB(10, 160, 170) contains.

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Color

RGB(10, 160, 170)

Conversions

Conversions Part 1

Format	Color
Hex	0AA0AA
RGB	10, 160, 170
RGB Percent	4%, 63%, 67%
CMY	0.9608, 0.3725, 0.3333
CMYK	0.94, 0.06, 0.00, 0.33
HSL	184°, 89%, 35%
HSV	184°, 94%, 67%
XYZ	19.9517, 28.1084, 42.4041
YIQ	116.2900, -92.6100, -28.6900

Conversions

Conversions Part 2

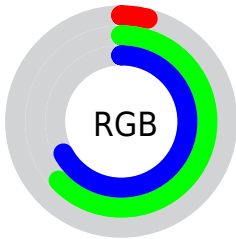
Format	Color
RYB	10, 87, 170
Decimal	696490
CIELab	59.99, -30.37, -15.04
CIELCh	60, 33.894, 206.347
Yxy	28.1084, 0.2205, 0.3107
Android (android.graphics.Color)	4278886570 (0xFF0AA0AA)
YUV	116.2900, 26.4790, -93.2163
Hunter-Lab	53.0174, -25.6067, -10.3089

Details

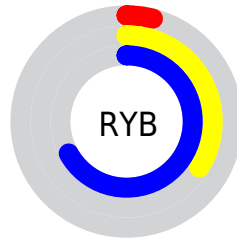
The RGB color **10, 160, 170** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **170, 20, 10**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **96, 215, 225**, and **0, 108, 118** is the 20% darker color. If you saturate the color by 10%, you get **0, 159, 170**, and if you desaturate by 10%, it is **27, 161, 170**.

Distribution



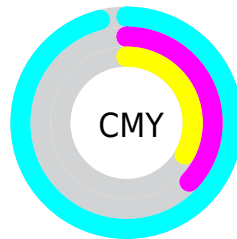
- Red (4%)
- Green (63%)
- Blue (67%)



- Red (4%)
- Yellow (34%)
- Blue (67%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)





- Cyan (96%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 10, 160, 170 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 10, 160, 170 by changing the saturation by 10% instead.

 10, 160, 170

 10, 160, 170

255, 255, 255

 0, 134, 144

 96, 215, 225

 0, 108, 118

 127, 244, 254

 0, 83, 93

 158, 255, 255

 0, 59, 70

 188, 255, 255


 0, 38, 47

 218, 255, 255

 0, 1, 27

 248, 255, 255

 0, 0, 0

 10, 160, 170

 10, 160, 170

 0, 159, 170

 27, 161, 170

■ 44, 162, 170

■ 61, 163, 170

■ 78, 164, 170

■ 95, 165, 170

■ 112, 166, 170

■ 129, 167, 170

■ 146, 168, 170

■ 163, 170, 170

Harmonies

Analogous

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



61, 160, 140



10, 160, 170



38, 156, 193

Triad

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



10, 160, 170



179, 128, 178



167, 142, 85

Complementary

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



10, 160, 170



170, 20, 10

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.



190, 131, 96



10, 160, 170



199, 122, 149

Square

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



10, 160, 170



143, 138, 198



202, 123, 120



137, 151, 90

Rectangle

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



10, 160, 170



76, 152, 202



202, 123, 120



176, 138, 87

Sweetspot

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



10, 160, 170



160, 218, 222



10, 170, 18



74, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



10, 160, 170



0, 208, 222



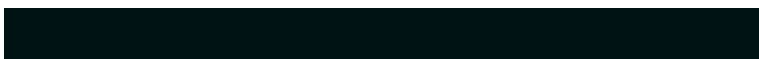
10, 82, 170



76, 84, 84



0, 139, 148



0, 19, 20

Inverse Universe

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



170, 10, 160



222, 0, 208



170, 98, 10



84, 76, 84



148, 0, 139



20, 0, 19

Previews

White Background



This preview shows how the RGB color 10, 160, 170 looks on a white background.

Color Contrast Check

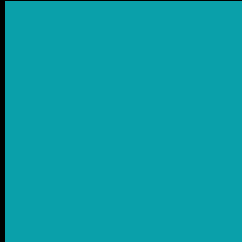
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 10, 160, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

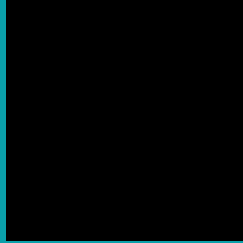
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

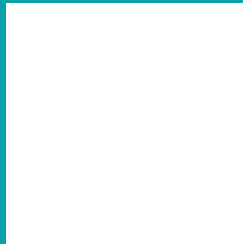
Any Text WCAG AAA × Fail

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

RGB 10, 160, 170 Background



This preview shows how black text looks on a background with the RGB color 10, 160, 170.

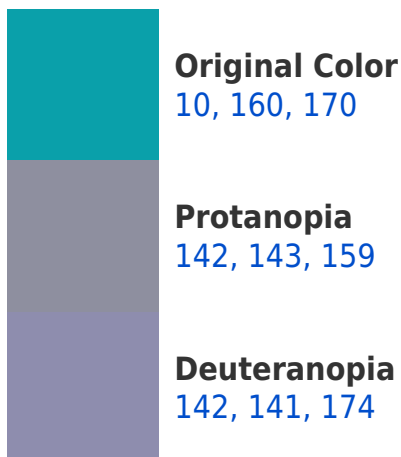


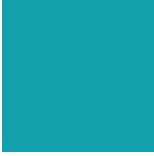
This preview shows how white text looks on a background with the RGB color 10, 160, 170.

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





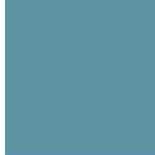
Tritanopia
18, 160, 173

Trichromacy



Original Color

10, 160, 170



Protanomaly

94, 149, 163



Deuteranomaly

94, 148, 173



Tritanomaly

15, 160, 172

Monochromacy



Original Color

10, 160, 170



Achromatopsia

116, 116, 116



Achromatomaly

77, 132, 136

CSS Examples

Text

The CSS property to change the color of the text to RGB 10, 160, 170 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(10, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(10, 160, 170)  
}
```

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(10, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 160, 170) }
```

Border

The CSS property to change the border of an element to RGB 10, 160, 170 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(10, 160, 170) }
```

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

```
.border{ border-color:rgb(10, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(10, 160,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 10, 160, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 160, 170) }
```

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

```
.background{ background-color: rgb(10, 160,  
170) }
```

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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