

Converting Colors

RGB(41, 168, 173)

Have a look what the booklet for
RGB(41, 168, 173) contains.

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Color

RGB(41, 168, 173)

Conversions

Conversions Part 1

Format	Color
Hex	29A8AD
RGB	41, 168, 173
RGB Percent	16%, 66%, 68%
CMY	0.8392, 0.3412, 0.3216
CMYK	0.76, 0.03, 0.00, 0.32
HSL	182°, 62%, 42%
HSV	182°, 76%, 68%
XYZ	22.4599, 31.4938, 44.4303
YIQ	130.5970, -77.2970, -25.3690

Conversions

Conversions Part 2

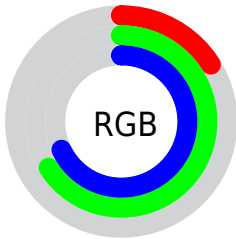
Format	Color
R_{YB}	41, 106, 173
Decimal	2730157
CIE _{Lab}	62.92, -31.06, -12.27
CIE _{LCh}	63, 33.399, 201.556
Yxy	31.4938, 0.2283, 0.3201
Android (android.graphics.Color)	4280920237 (0xFF29A8AD)
YUV	130.5970, 20.9047, -78.5766
Hunter-Lab	56.1193, -26.7701, -7.6570




Details

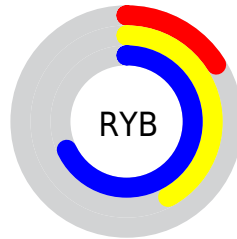
The RGB color **41, 168, 173** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **173, 46, 41**, and the grayscale version is **130, 130, 130**.




A 20% lighter version of the original color is **109, 224, 228**, and **0, 115, 121** is the 20% darker color. If you saturate the color by 10%, you get **24, 167, 173**, and if you desaturate by 10%, it is **58, 169, 173**.

Distribution







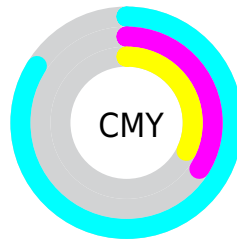
-  Red (16%)
-  Green (66%)
-  Blue (68%)






-  Red (16%)
-  Yellow (42%)
-  Blue (68%)



-  Cyan (76%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (32%)




-  Cyan (84%)
-  Magenta (34%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 41, 168, 173 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 41, 168, 173 by changing the saturation by 10% instead.

 41, 168, 173

255, 255, 255


 109, 224, 228

 140, 252, 255


 169, 255, 255


 199, 255, 255

 229, 255, 255

 41, 168, 173


 0, 141, 146

 0, 115, 121

 0, 90, 96


 0, 66, 72


 0, 43, 50

 0, 19, 29

 0, 0, 0

 0, 0, 0

 41, 168, 173

 41, 168, 173

■ 24, 167, 173

■ 58, 169, 173

■ 6, 167, 173

■ 76, 169, 173

■ 0, 166, 173

■ 93, 170, 173

■ 110, 171, 173

■ 128, 171, 173

■ 145, 172, 173

■ 162, 173, 173

■ 179, 173, 173

■ 197, 174, 173

Harmonies

Analogous

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



78, 168, 143



41, 168, 173



48, 165, 198

Triad

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



41, 168, 173



182, 137, 189



180, 148, 93

Complementary

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



41, 168, 173



173, 46, 41

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.



201, 137, 107



41, 168, 173



204, 130, 162

Square

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



41, 168, 173



144, 148, 207



210, 130, 132



150, 157, 96

Rectangle

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



41, 168, 173



79, 160, 208



210, 130, 132



188, 144, 96

Sweetspot

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



41, 168, 173



173, 222, 224



41, 173, 45



81, 111, 112



240, 240, 240



112, 112, 112

Same Dimension

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



41, 168, 173



18, 217, 224



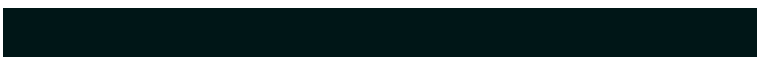
41, 103, 173



78, 86, 87



0, 145, 150



0, 22, 23

Inverse Universe

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



173, 41, 168



224, 18, 217



173, 111, 41



87, 78, 86



150, 0, 145



23, 0, 22

Previews

White Background



This preview shows how the RGB color 41, 168, 173 looks on a white background.

Color Contrast Check

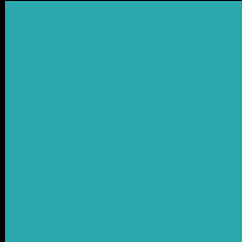
Large Text (above 18pt) WCAG AA × Fail

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 41, 168, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

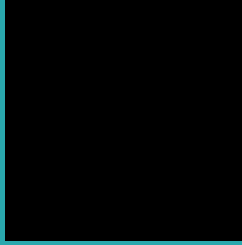
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

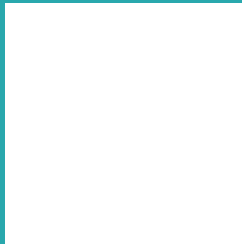
Any Text WCAG AAA ✓ Pass

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

RGB 41, 168, 173 Background



This preview shows how black text looks on a background with the RGB color 41, 168, 173.

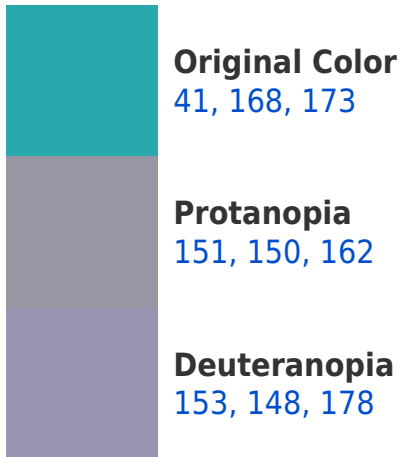


This preview shows how white text looks on a background with the RGB color 41, 168, 173.

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
47, 167, 180

Trichromacy



Original Color

41, 168, 173



Protanomaly

111, 157, 166



Deuteranomaly

112, 155, 176



Tritanomaly

45, 167, 177

Monochromacy



Original Color

41, 168, 173



Achromatopsia

131, 131, 131



Achromatomaly

98, 144, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 168, 173 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(41, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(41, 168, 173)  
}
```

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(41, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 168, 173) }
```

Border

The CSS property to change the border of an element to RGB 41, 168, 173 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(41, 168, 173) }
```

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

```
.border{ border-color:rgb(41, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(41, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(41, 168,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 41, 168, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 168, 173) }
```

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

```
.background{ background-color: rgb(41, 168,  
173) }
```

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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