

Converting Colors

RGB(41, 172, 156)

Have a look what the booklet for
RGB(41, 172, 156) contains.

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Color

RGB(41, 172, 156)

Conversions

Conversions Part 1	
Format	Color
Hex	29AC9C
RGB	41, 172, 156
RGB Percent	16%, 67%, 61%
CMY	0.8392, 0.3255, 0.3882
CMYK	0.76, 0.00, 0.09, 0.33
HSL	173°, 62%, 42%
HSV	173°, 76%, 67%
XYZ	21.6677, 32.3768, 36.5598
YIQ	131.0070, -72.9400, -32.7480

Conversions

Conversions Part 2

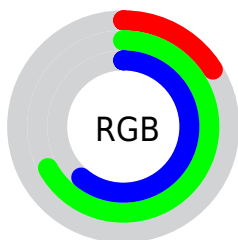
Format	Color
RYB	41, 111, 172
Decimal	2731164
CIELab	63.65, -37.89, -1.68
CIELCh	64, 37.928, 182.534
Yxy	32.3768, 0.2391, 0.3573
Android (android.graphics.Color)	4280921244 (0xFF29AC9C)
YUV	131.0070, 12.3215, -78.9361
Hunter-Lab	56.9006, -31.6033, 1.7353

Details

The RGB color **41, 172, 156** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **172, 41, 57**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **108, 228, 210**, and **0, 119, 105** is the 20% darker color. If you saturate the color by 10%, you get **24, 172, 154**, and if you desaturate by 10%, it is **58, 172, 158**.

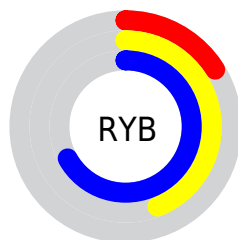
Distribution



Red (16%)

Green (67%)

Blue (61%)



Red (16%)

Yellow (44%)

Blue (67%)

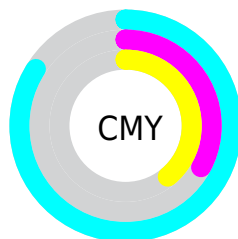


Cyan (76%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (84%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 41, 172, 156 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, 172, 156 by changing the saturation by 10% instead.



41, 172, 156



41, 172, 156

255, 255, 255



0, 145, 130



108, 228, 210



0, 119, 105



138, 255, 239



0, 93, 81



168, 255, 255



0, 69, 58



198, 255, 255



0, 46, 36



228, 255, 255



0, 22, 16



0, 0, 0



41, 172, 156



41, 172, 156




24, 172, 154





58, 172, 158

 7, 172, 152


 75, 172, 160


 0, 172, 151

 93, 172, 162


 110, 172, 164

 127, 172, 167

 144, 172, 169

 161, 172, 171

 179, 172, 173

 196, 172, 175

Harmonies

Analogous

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



96, 169, 122



41, 172, 156



0, 171, 189

Triad

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



41, 172, 156



161, 144, 211



201, 141, 95

Complementary

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



41, 172, 156



172, 41, 57

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.



217, 131, 120



41, 172, 156



199, 133, 186

Square

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



41, 172, 156



108, 157, 221



218, 127, 153



173, 153, 86

Rectangle

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



41, 172, 156



0, 168, 207



218, 127, 153



208, 137, 102

Sweetspot

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



41, 172, 156



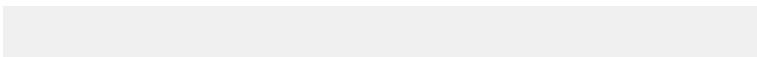
173, 224, 218



58, 172, 41



81, 112, 108



240, 240, 240



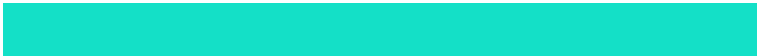
112, 112, 112

Same Dimension

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



41, 172, 156



20, 224, 199



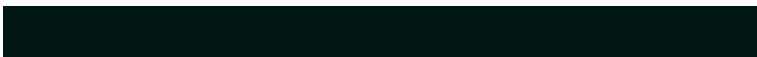
41, 124, 172



78, 87, 86



0, 150, 132



0, 23, 20

Inverse Universe

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



172, 41, 57



224, 20, 45



172, 89, 41



87, 78, 79



150, 0, 18



23, 0, 3

Previews

White Background



This preview shows how the RGB color 41, 172, 156 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, 172, 156 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, 172, 156 Background



This preview shows how black text looks on a background with the RGB color 41, 172, 156.

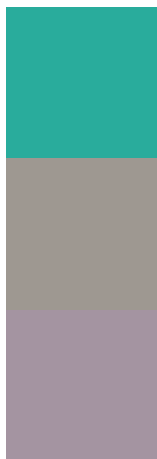


This preview shows how white text looks on a background with the RGB color 41, 172, 156.

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

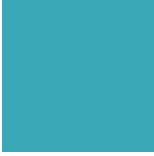
41, 172, 156

Protanopia

158, 152, 145

Deuteranopia



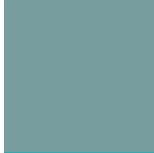
164, 148, 161




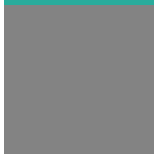

Tritanopia

58, 168, 182

Trichromacy

	Original Color 41, 172, 156
	Protanomaly 115, 159, 149
	Deuteranomaly 119, 157, 159
	Tritanomaly 52, 169, 173

Monochromacy

	Original Color 41, 172, 156
	Achromatopsia 131, 131, 131
	Achromatomaly 98, 146, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 172, 156 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, 172, 156) looks like.

```
.text, #text, p{  
    color:rgb(41, 172, 156)  
}
```

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, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 172, 156) }
```

Border

The CSS property to change the border of an element to RGB 41, 172, 156 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, 172, 156) }
```

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

```
.border{ border-color:rgb(41, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(41, 172,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 41, 172, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 172, 156) }
```

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

```
.background{ background-color: rgb(41, 172,  
156) }
```

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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