

Converting Colors

RGB(41, 193, 165)

Have a look what the booklet for
RGB(41, 193, 165) contains.

RGB(41, 193, 165)	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(41, 193, 165)

Conversions

Conversions Part 1

Format	Color
Hex	29C1A5
RGB	41, 193, 165
RGB Percent	16%, 76%, 65%
CMY	0.8392, 0.2431, 0.3529
CMYK	0.79, 0.00, 0.15, 0.24
HSL	169°, 65%, 46%
HSV	169°, 79%, 76%
XYZ	26.7759, 41.3280, 42.1632
YIQ	144.3600, -81.6040, -40.9320

Conversions

Conversions Part 2

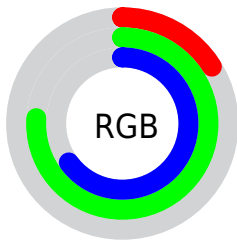
Format	Color
RYB	41, 125, 193
Decimal	2736549
CIELab	70.41, -44.66, 3.20
CIELCh	70, 44.778, 175.905
Yxy	41.3280, 0.2428, 0.3748
Android (android.graphics.Color)	4280926629 (0xFF29C1A5)
YUV	144.3600, 10.1755, -90.6467
Hunter-Lab	64.2868, -38.1553, 6.1148

Details

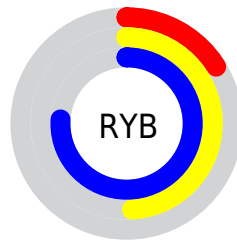
The RGB color **41, 193, 165** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **193, 41, 69**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **113, 250, 220**, and **0, 138, 113** is the 20% darker color. If you saturate the color by 10%, you get **22, 193, 161**, and if you desaturate by 10%, it is **60, 193, 169**.

Distribution



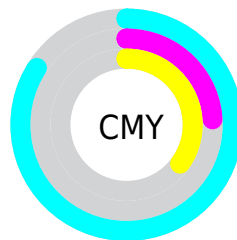
- Red (16%)
- Green (76%)
- Blue (65%)



- Red (16%)
- Yellow (49%)
- Blue (76%)



- Cyan (79%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)




















- Cyan (84%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 41, 193, 165 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, 193, 165 by changing the saturation by 10% instead.

 41, 193, 165	 41, 193, 165
 255, 255, 255	 0, 165, 139
 113, 250, 220	 0, 138, 113
 144, 255, 248	 0, 112, 89
 174, 255, 255	 0, 87, 66
 204, 255, 255	 0, 62, 44
 235, 255, 255	 0, 41, 23
	 0, 3, 0
	 0, 0, 0

 41, 193, 165  41, 193, 165

■ 22, 193, 161

■ 60, 193, 169

■ 2, 193, 158

■ 80, 193, 172

■ 0, 193, 157

■ 99, 193, 176

■ 118, 193, 179

■ 138, 193, 183

■ 157, 193, 186

■ 176, 193, 190

■ 195, 193, 193

■ 215, 193, 197

Harmonies

Analogous

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



113, 189, 125



41, 193, 165



0, 193, 206

Triad

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



41, 193, 165



167, 164, 245



233, 153, 106

Complementary

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



41, 193, 165



193, 41, 69

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.



249, 142, 139



41, 193, 165



218, 149, 218

Square

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



41, 193, 165



94, 178, 253



245, 140, 179



202, 168, 90

Rectangle

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



41, 193, 165



0, 190, 230



245, 140, 179



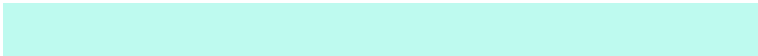
241, 149, 115

Sweetspot

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



41, 193, 165



190, 250, 239



71, 193, 41



89, 125, 118



252, 252, 252



125, 125, 125

Same Dimension

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



41, 193, 165



12, 250, 206



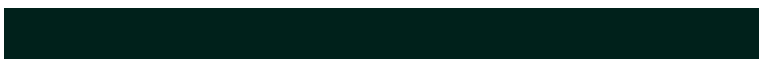
41, 147, 193



87, 97, 95



0, 161, 131



0, 33, 27

Inverse Universe

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



193, 41, 69



250, 12, 56



193, 87, 41



97, 87, 89



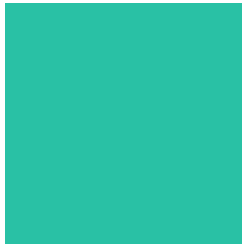
161, 0, 30



33, 0, 6

Previews

White Background



This preview shows how the RGB color 41, 193, 165 looks on a white background.

Color Contrast Check

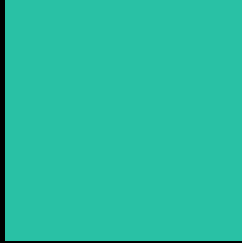
Large Text (above 18pt) WCAG AA × Fail

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, 193, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

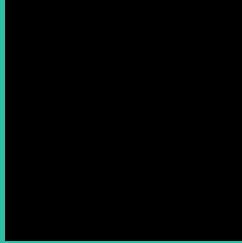
Any Text WCAG AA ✓ Pass

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, 193, 165 Background



This preview shows how black text looks on a background with the RGB color 41, 193, 165.

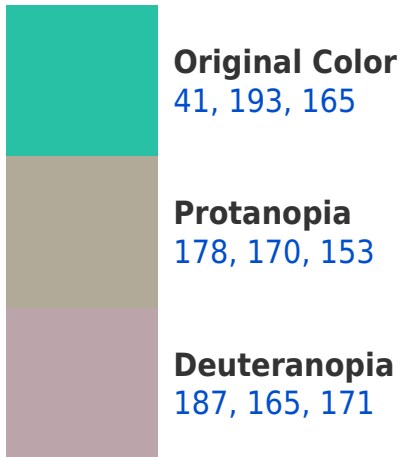


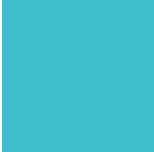
This preview shows how white text looks on a background with the RGB color 41, 193, 165.

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
65, 188, 203

Trichromacy



Original Color

41, 193, 165



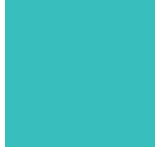
Protanomaly

128, 178, 157



Deuteranomaly

134, 175, 169



Tritanomaly

56, 190, 189

Monochromacy



Original Color

41, 193, 165



Achromatopsia

144, 144, 144



Achromatomaly

107, 162, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 41, 193, 165 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, 193, 165)` looks like.

```
.text, #text, p{  
    color:rgb(41, 193, 165)  
}
```

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, 193, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 193, 165) }
```

Border

The CSS property to change the border of an element to RGB 41, 193, 165 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, 193, 165) }
```

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

```
.border{ border-color:rgb(41, 193, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 193, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 193, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 193, 165);  
box-shadow:4px 4px 4px 4px rgb(41, 193,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 41, 193, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 193, 165) }
```

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

```
.background{ background-color: rgb(41, 193,  
165) }
```

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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