

Converting Colors

RGB(37, 193, 182)

Have a look what the booklet for
RGB(37, 193, 182) contains.

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Color

RGB(37, 193, 182)

Conversions

Conversions Part 1

Format	Color
Hex	25C1B6
RGB	37, 193, 182
RGB Percent	15%, 76%, 71%
CMY	0.8549, 0.2431, 0.2863
CMYK	0.81, 0.00, 0.06, 0.24
HSL	176°, 68%, 45%
HSV	176°, 81%, 76%
XYZ	28.2764, 41.9106, 50.8552
YIQ	145.1020, -89.4450, -36.4930

Conversions

Conversions Part 2

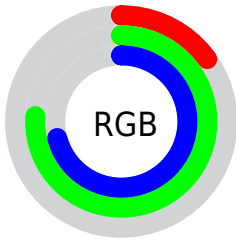
Format	Color
RYB	37, 118, 193
Decimal	2474422
CIELab	70.81, -40.39, -5.50
CIELCh	71, 40.767, 187.759
Yxy	41.9106, 0.2336, 0.3462
Android (android.graphics.Color)	4280664502 (0xFF25C1B6)
YUV	145.1020, 18.1907, -94.8055
Hunter-Lab	64.7384, -35.3271, -1.2583

Details

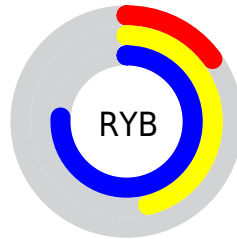
The RGB color **37, 193, 182** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **193, 37, 48**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **112, 250, 238**, and **0, 139, 129** is the 20% darker color. If you saturate the color by 10%, you get **18, 193, 181**, and if you desaturate by 10%, it is **56, 193, 183**.

Distribution



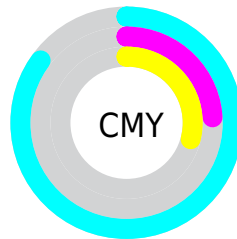
- Red (15%)
- Green (76%)
- Blue (71%)



- Red (15%)
- Yellow (46%)
- Blue (76%)



- Cyan (81%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



















- Cyan (85%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 37, 193, 182 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 37, 193, 182 by changing the saturation by 10% instead.

 37, 193, 182	 37, 193, 182
 255, 255, 255	 0, 165, 155
 112, 250, 238	 0, 139, 129
 143, 255, 255	 0, 113, 104
 174, 255, 255	 0, 87, 80
 205, 255, 255	 0, 63, 57
 235, 255, 255	 0, 41, 36
	 0, 6, 15
	 0, 0, 0

 37, 193, 182  37, 193, 182

■ 18, 193, 181

■ 56, 193, 183

■ 0, 193, 179

■ 76, 193, 185

■ 95, 193, 186

■ 114, 193, 187

■ 134, 193, 189

■ 153, 193, 190

■ 172, 193, 192

■ 191, 193, 193

■ 211, 193, 194

Harmonies

Analogous

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



101, 191, 144



37, 193, 182



0, 191, 218

Triad

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



37, 193, 182



190, 160, 232



220, 161, 105

Complementary

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



37, 193, 182



193, 37, 48

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.



241, 149, 130



37, 193, 182



228, 148, 202

Square

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



37, 193, 182



134, 174, 246



244, 144, 165



188, 174, 99

Rectangle

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



37, 193, 182



26, 187, 235



244, 144, 165



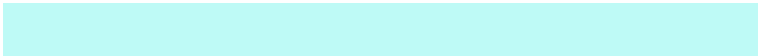
229, 157, 112

Sweetspot

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



37, 193, 182



190, 250, 246



50, 193, 37



89, 125, 122



252, 252, 252



125, 125, 125

Same Dimension

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



37, 193, 182



7, 250, 233



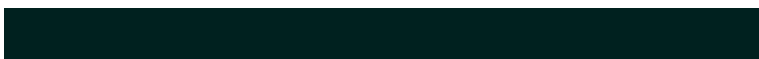
37, 128, 193



87, 97, 96



0, 161, 149



0, 33, 31

Inverse Universe

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



193, 37, 48



250, 7, 25



193, 102, 37



97, 87, 88



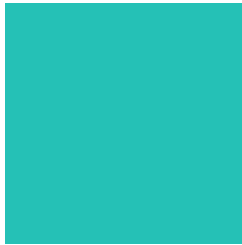
161, 0, 11



33, 0, 2

Previews

White Background



This preview shows how the RGB color 37, 193, 182 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 37, 193, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

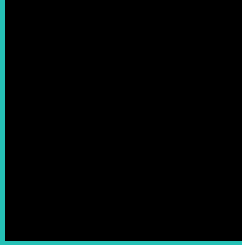
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

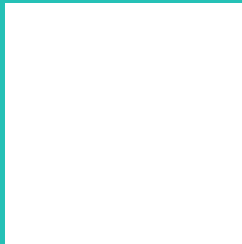
Any Text WCAG AAA ✓ Pass

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

RGB 37, 193, 182 Background



This preview shows how black text looks on a background with the RGB color 37, 193, 182.

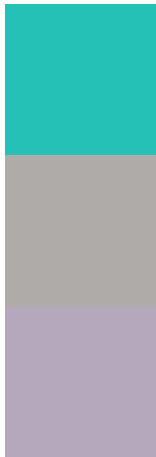


This preview shows how white text looks on a background with the RGB color 37, 193, 182.

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](#).

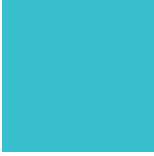
Dichromacy



Original Color
37, 193, 182

Protanopia
175, 171, 169

Deuteranopia
181, 167, 188



Tritanopia
56, 190, 205

Trichromacy



Original Color

37, 193, 182



Protanomaly

125, 179, 174



Deuteranomaly

129, 176, 186



Tritanomaly

49, 191, 197

Monochromacy



Original Color

37, 193, 182



Achromatopsia

145, 145, 145



Achromatomaly

106, 162, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 37, 193, 182 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(37, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(37, 193, 182)  
}
```

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(37, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 193, 182) }
```

Border

The CSS property to change the border of an element to RGB 37, 193, 182 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(37, 193, 182) }
```

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

```
.border{ border-color:rgb(37, 193, 182) }
```

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

Here you see how a box with a 4 pixel rgb(37, 193, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(37, 193,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 37, 193, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 193, 182) }
```

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

```
.background{ background-color: rgb(37, 193,  
182) }
```

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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