

Converting Colors

RGB(34, 193, 162)

Have a look what the booklet for
RGB(34, 193, 162) contains.

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Color

RGB(34, 193, 162)

Conversions

Conversions Part 1

Format	Color
Hex	22C1A2
RGB	34, 193, 162
RGB Percent	13%, 76%, 64%
CMY	0.8667, 0.2431, 0.3647
CMYK	0.82, 0.00, 0.16, 0.24
HSL	168°, 70%, 45%
HSV	168°, 82%, 76%
XYZ	26.2512, 41.0886, 40.7297
YIQ	141.9250, -84.8130, -43.3490

Conversions

Conversions Part 2

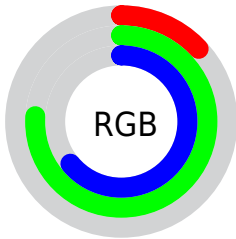
Format	Color
RYB	34, 122, 193
Decimal	2277794
CIELab	70.24, -46.10, 4.58
CIELCh	70, 46.325, 174.325
Yxy	41.0886, 0.2429, 0.3802
Android (android.graphics.Color)	4280467874 (0xFF22C1A2)
YUV	141.9250, 9.8970, -94.6502
Hunter-Lab	64.1004, -39.0741, 7.1971

Details

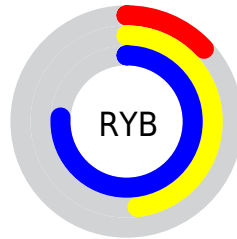
The RGB color **34, 193, 162** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **193, 34, 65**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **109, 250, 217**, and **0, 138, 110** is the 20% darker color. If you saturate the color by 10%, you get **15, 193, 158**, and if you desaturate by 10%, it is **53, 193, 166**.

Distribution



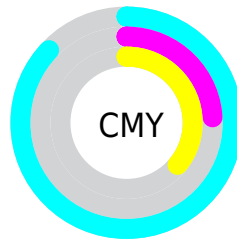
- Red (13%)
- Green (76%)
- Blue (64%)



- Red (13%)
- Yellow (48%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



















- Cyan (87%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 34, 193, 162 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 34, 193, 162 by changing the saturation by 10% instead.

 34, 193, 162	 34, 193, 162
 255, 255, 255	 0, 165, 136
 109, 250, 217	 0, 138, 110
 140, 255, 245	 0, 112, 86
 171, 255, 255	 0, 87, 63
 201, 255, 255	 0, 62, 41
 232, 255, 255	 0, 41, 21
	 0, 2, 0
	 0, 0, 0

 34, 193, 162  34, 193, 162

■ 15, 193, 158

■ 53, 193, 166

■ 0, 193, 155

■ 73, 193, 170

■ 92, 193, 173

■ 111, 193, 177

■ 131, 193, 181

■ 150, 193, 185

■ 169, 193, 188

■ 188, 193, 192

■ 208, 193, 196

Harmonies

Analogous

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



113, 189, 121



34, 193, 162



0, 193, 205

Triad

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



34, 193, 162



163, 164, 248



236, 151, 105

Complementary

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



34, 193, 162



193, 34, 65

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.



251, 140, 139



34, 193, 162



217, 148, 221

Square

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



34, 193, 162



83, 178, 255



246, 138, 182



205, 167, 86

Rectangle

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



34, 193, 162



0, 191, 229



246, 138, 182



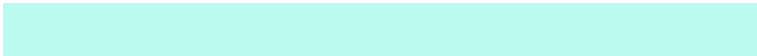
243, 147, 115

Sweetspot

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



34, 193, 162



187, 250, 238



66, 193, 34



87, 125, 118



252, 252, 252



125, 125, 125

Same Dimension

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



34, 193, 162



2, 250, 202



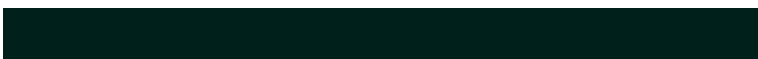
34, 145, 193



87, 97, 95



0, 161, 129



0, 33, 27

Inverse Universe

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



193, 34, 65



250, 2, 51



193, 82, 34



97, 87, 89



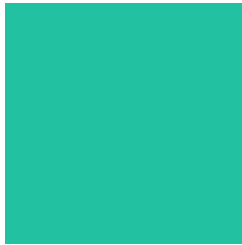
161, 0, 31



33, 0, 6

Previews

White Background



This preview shows how the RGB color 34, 193, 162 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 34, 193, 162 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 34, 193, 162 Background



This preview shows how black text looks on a background with the RGB color 34, 193, 162.



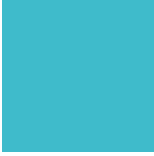
This preview shows how white text looks on a background with the RGB color 34, 193, 162.

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
63, 187, 203

Trichromacy



Original Color

34, 193, 162



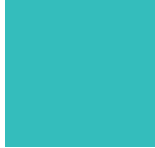
Protanomaly

126, 178, 154



Deuteranomaly

131, 175, 166



Tritanomaly

52, 189, 188

Monochromacy



Original Color

34, 193, 162



Achromatopsia

142, 142, 142



Achromatomaly

103, 161, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 34, 193, 162 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(34, 193, 162)` looks like.

```
.text, #text, p{  
    color:rgb(34, 193, 162)  
}
```

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(34, 193, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 193, 162) }
```

Border

The CSS property to change the border of an element to RGB 34, 193, 162 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(34, 193, 162) }
```

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

```
.border{ border-color:rgb(34, 193, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 193, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 193, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 193, 162);  
box-shadow:4px 4px 4px 4px rgb(34, 193,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 34, 193, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 193, 162) }
```

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

```
.background{ background-color: rgb(34, 193,  
162) }
```

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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