

Converting Colors

RGB(32, 198, 202)

Have a look what the booklet for
RGB(32, 198, 202) contains.

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Color

RGB(32, 198, 202)

Conversions

Conversions Part 1

Format	Color
Hex	20C6CA
RGB	32, 198, 202
RGB Percent	13%, 78%, 79%
CMY	0.8745, 0.2235, 0.2078
CMYK	0.84, 0.02, 0.00, 0.21
HSL	181°, 73%, 46%
HSV	181°, 84%, 79%
XYZ	31.4504, 44.9595, 62.8976
YIQ	148.8220, -100.2200, -33.9480

Conversions

Conversions Part 2

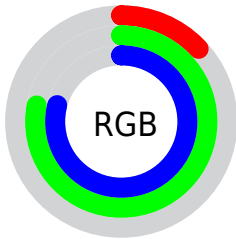
Format	Color
R _Y B	32, 116, 202
Decimal	2148042
CIE Lab	72.87, -37.21, -13.35
CIE LCh	73, 39.530, 199.739
Yxy	44.9595, 0.2258, 0.3227
Android (android.graphics.Color)	4280338122 (0xFF20C6CA)
YUV	148.8220, 26.2168, -102.4529
Hunter-Lab	67.0519, -33.6160, -8.6803

Details

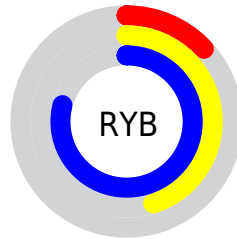
The RGB color **32, 198, 202** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **202, 36, 32**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **113, 255, 255**, and **0, 143, 148** is the 20% darker color. If you saturate the color by 10%, you get **12, 198, 202**, and if you desaturate by 10%, it is **52, 198, 202**.

Distribution



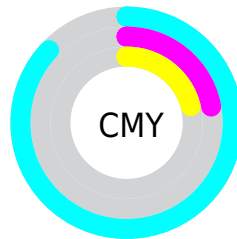
- Red (13%)
- Green (78%)
- Blue (79%)



- Red (13%)
- Yellow (45%)
- Blue (79%)



- Cyan (84%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)




















- Cyan (87%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 32, 198, 202 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 32, 198, 202 by changing the saturation by 10% instead.

 32, 198, 202	 32, 198, 202
 255, 255, 255	 0, 170, 175
 113, 255, 255	 0, 143, 148
 145, 255, 255	 0, 117, 122
 176, 255, 255	 0, 92, 97
 207, 255, 255	 0, 68, 74
 238, 255, 255	 0, 45, 51
	 0, 19, 30
	 0, 0, 3
	 0, 0, 0

■ 32, 198, 202

■ 32, 198, 202

■ 12, 198, 202

■ 52, 198, 202

■ 0, 197, 202

■ 72, 199, 202

■ 93, 199, 202

■ 113, 200, 202

■ 133, 200, 202

■ 153, 201, 202

■ 173, 201, 202

■ 194, 202, 202

■ 214, 202, 202

Harmonies

Analogous

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



90, 197, 165



32, 198, 202



34, 194, 233

Triad

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



32, 198, 202



212, 161, 226



214, 172, 107

Complementary

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



32, 198, 202



202, 36, 32

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.



239, 160, 125



32, 198, 202



241, 152, 193

Square

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



32, 198, 202



165, 174, 247



250, 152, 156



178, 184, 109

Rectangle

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



32, 198, 202



81, 189, 246



250, 152, 156



223, 168, 111

Sweetspot

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



32, 198, 202



191, 254, 255



32, 202, 35



89, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



32, 198, 202



0, 249, 255



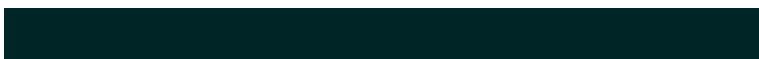
32, 114, 202



92, 102, 102



0, 162, 166



0, 37, 38

Inverse Universe

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



202, 32, 198



255, 0, 249



202, 120, 32



102, 92, 102



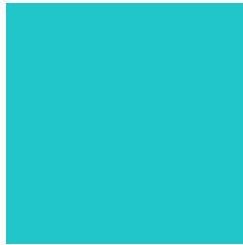
166, 0, 162



38, 0, 37

Previews

White Background



This preview shows how the RGB color 32, 198, 202 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 32, 198, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

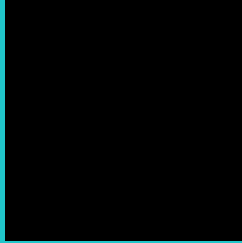
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

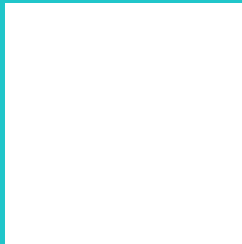
Any Text WCAG AAA ✓ Pass

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

RGB 32, 198, 202 Background



This preview shows how black text looks on a background with the RGB color 32, 198, 202.

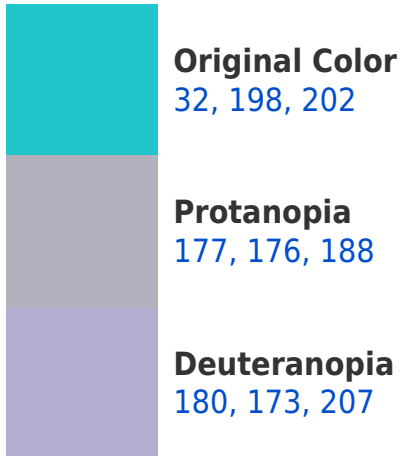


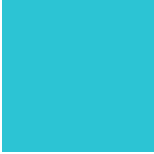
This preview shows how white text looks on a background with the RGB color 32, 198, 202.

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
44, 196, 212

Trichromacy



Original Color

32, 198, 202



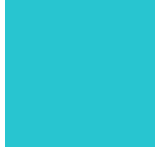
Protanomaly

124, 184, 193



Deuteranomaly

126, 182, 205



Tritanomaly

40, 197, 208

Monochromacy



Original Color

32, 198, 202



Achromatopsia

149, 149, 149



Achromatomaly

106, 167, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 32, 198, 202 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(32, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(32, 198, 202)  
}
```

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(32, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 198, 202) }
```

Border

The CSS property to change the border of an element to RGB 32, 198, 202 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(32, 198, 202) }
```

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

```
.border{ border-color:rgb(32, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(32, 198,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 32, 198, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 198, 202) }
```

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

```
.background{ background-color: rgb(32, 198,  
202) }
```

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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