

Converting Colors

RGB(32, 182, 207)

Have a look what the booklet for
RGB(32, 182, 207) contains.

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Color

RGB(32, 182, 207)

Conversions

Conversions Part 1

Format	Color
Hex	20B6CF
RGB	32, 182, 207
RGB Percent	13%, 71%, 81%
CMY	0.8745, 0.2863, 0.1882
CMYK	0.85, 0.12, 0.00, 0.19
HSL	189°, 73%, 47%
HSV	189°, 85%, 81%
XYZ	28.5861, 38.2680, 64.9113
YIQ	140.0000, -97.4250, -24.0250

Conversions

Conversions Part 2

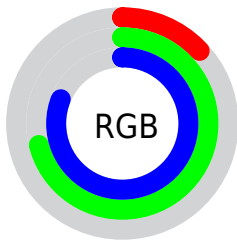
Format	Color
RYB	32, 113, 207
Decimal	2143951
CIELab	68.22, -28.01, -23.12
CIELCh	68, 36.320, 219.541
Yxy	38.2680, 0.2169, 0.2904
Android (android.graphics.Color)	4280334031 (0xFF20B6CF)
YUV	140.0000, 33.0310, -94.7160
Hunter-Lab	61.8611, -25.7719, -18.9106

Details

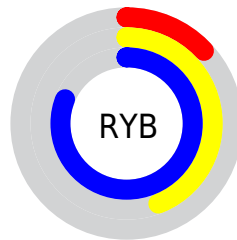
The RGB color **32, 182, 207** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle muted azure. A complement of this color would be **207, 57, 32**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **112, 238, 255**, and **0, 129, 153** is the 20% darker color. If you saturate the color by 10%, you get **11, 179, 207**, and if you desaturate by 10%, it is **53, 185, 207**.

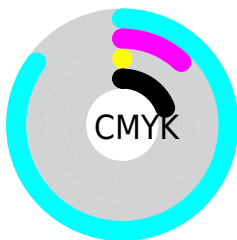
Distribution



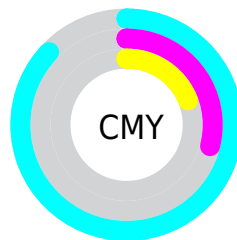
- Red (13%)
- Green (71%)
- Blue (81%)



- Red (13%)
- Yellow (44%)
- Blue (81%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)




















- Cyan (87%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 32, 182, 207 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, 182, 207 by changing the saturation by 10% instead.

 32, 182, 207	 32, 182, 207
 255, 255, 255	 0, 155, 179
 112, 238, 255	 0, 129, 153
 143, 255, 255	 0, 103, 127
 174, 255, 255	 0, 79, 102
 205, 255, 255	 0, 55, 77
 236, 255, 255	 0, 35, 54
	 0, 2, 33
	 0, 0, 7
	 0, 0, 0

■ 32, 182, 207

■ 32, 182, 207

■ 11, 179, 207

■ 53, 185, 207

■ 0, 177, 207

■ 73, 188, 207

■ 94, 191, 207

■ 115, 194, 207

■ 136, 197, 207

■ 156, 200, 207

■ 177, 203, 207

■ 198, 206, 207

■ 218, 209, 207

Harmonies

Analogous

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



56, 184, 176



32, 182, 207



80, 176, 227

Triad

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



32, 182, 207



216, 144, 190



178, 168, 101

Complementary

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



32, 182, 207



207, 57, 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.



207, 157, 105



32, 182, 207



230, 141, 157

Square

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



32, 182, 207



184, 154, 217



226, 146, 126



142, 177, 115

Rectangle

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



32, 182, 207



118, 170, 231



226, 146, 126



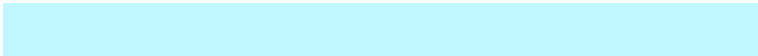
188, 164, 100

Sweetspot

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



32, 182, 207



191, 246, 255



32, 207, 55



89, 122, 128



0, 0, 0



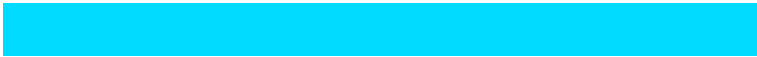
128, 128, 128

Same Dimension

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



32, 182, 207



0, 219, 255



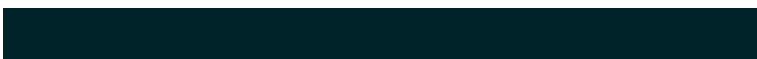
32, 96, 207



94, 103, 105



0, 144, 168



0, 35, 41

Inverse Universe

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



207, 32, 182



255, 0, 219



207, 143, 32



105, 94, 103



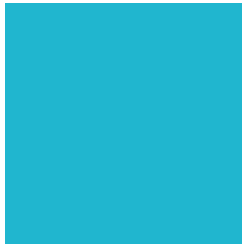
168, 0, 144



41, 0, 35

Previews

White Background



This preview shows how the RGB color 32, 182, 207 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, 182, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

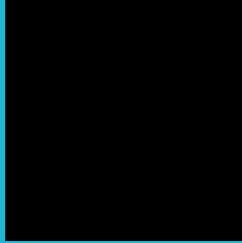
Any Text WCAG AA ✓ Pass

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, 182, 207 Background



This preview shows how black text looks on a background with the RGB color 32, 182, 207.



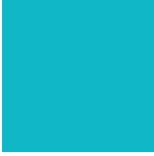
This preview shows how white text looks on a background with the RGB color 32, 182, 207.

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
16, 183, 198

Trichromacy



Original Color

32, 182, 207



Protanomaly

113, 171, 199



Deuteranomaly

112, 169, 210



Tritanomaly

22, 183, 201

Monochromacy



Original Color

32, 182, 207



Achromatopsia

140, 140, 140



Achromatomaly

101, 155, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 32, 182, 207 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, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(32, 182, 207)  
}
```

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, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 182, 207) }
```

Border

The CSS property to change the border of an element to RGB 32, 182, 207 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, 182, 207) }
```

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

```
.border{ border-color:rgb(32, 182, 207) }
```

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

Here you see how a box with a 4 pixel rgb(32, 182, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(32, 182,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 32, 182, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 182, 207) }
```

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

```
.background{ background-color: rgb(32, 182,  
207) }
```

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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