

Converting Colors

RGB(32, 176, 226)

Have a look what the booklet for
RGB(32, 176, 226) contains.

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Color

RGB(32, 176, 226)

Conversions

Conversions Part 1

Format	Color
Hex	20B0E2
RGB	32, 176, 226
RGB Percent	13%, 69%, 89%
CMY	0.8745, 0.3098, 0.1137
CMYK	0.86, 0.22, 0.00, 0.11
HSL	195°, 77%, 51%
HSV	195°, 86%, 89%
XYZ	29.8485, 36.8487, 77.4908
YIQ	138.6440, -101.8740, -14.9780

Conversions

Conversions Part 2

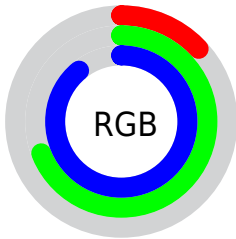
Format	Color
R _Y B	32, 115, 226
Decimal	2142434
CIE Lab	67.16, -18.60, -35.18
CIE LCh	67, 39.795, 242.127
Yxy	36.8487, 0.2070, 0.2556
Android (android.graphics.Color)	4280332514 (0xFF20B0E2)
YUV	138.6440, 43.0665, -93.5268
Hunter-Lab	60.7032, -18.4599, -33.1947

Details

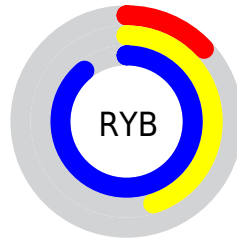
The RGB color **32, 176, 226** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **226, 82, 32**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **114, 232, 255**, and **0, 123, 170** is the 20% darker color. If you saturate the color by 10%, you get **9, 170, 226**, and if you desaturate by 10%, it is **55, 182, 226**.

Distribution



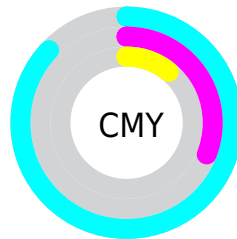
- Red (13%)
- Green (69%)
- Blue (89%)



- Red (13%)
- Yellow (45%)
- Blue (89%)



- Cyan (86%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)




















- Cyan (87%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 32, 176, 226 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, 176, 226 by changing the saturation by 10% instead.

 32, 176, 226	 32, 176, 226
 255, 255, 255	 0, 149, 198
 114, 232, 255	 0, 123, 170
 146, 255, 255	 0, 98, 144
 178, 255, 255	 0, 75, 118
 209, 255, 255	 0, 52, 93
 240, 255, 255	 0, 32, 69
	 0, 4, 47
	 0, 1, 25
	 0, 0, 0

■ 32, 176, 226

■ 32, 176, 226

■ 9, 170, 226

■ 55, 182, 226

■ 0, 168, 226

■ 77, 188, 226

■ 100, 193, 226

■ 122, 199, 226

■ 145, 205, 226

■ 168, 211, 226

■ 190, 217, 226

■ 213, 223, 226

■ 235, 228, 226

Harmonies

Analogous

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



0, 181, 200



32, 176, 226



113, 166, 235

Triad

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



32, 176, 226



231, 135, 162



146, 173, 101

Complementary

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



32, 176, 226



226, 82, 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.



184, 162, 91



32, 176, 226



231, 139, 127

Square

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



32, 176, 226



211, 141, 198



213, 150, 101



103, 179, 129

Rectangle

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



32, 176, 226



153, 158, 230



213, 150, 101



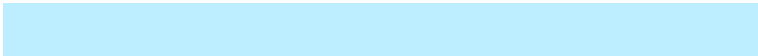
160, 170, 96

Sweetspot

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



32, 176, 226



189, 238, 255



32, 226, 80



88, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



32, 176, 226



0, 189, 255



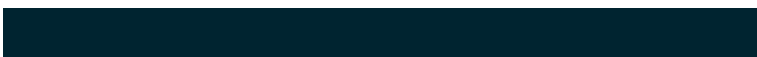
32, 80, 226



101, 109, 112



0, 131, 176



0, 36, 48

Inverse Universe

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



226, 32, 176



255, 0, 189



226, 178, 32



112, 101, 109



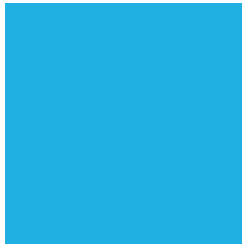
176, 0, 131



48, 0, 36

Previews

White Background



This preview shows how the RGB color 32, 176, 226 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, 176, 226 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, 176, 226 Background



This preview shows how black text looks on a background with the RGB color 32, 176, 226.

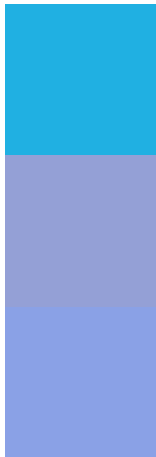


This preview shows how white text looks on a background with the RGB color 32, 176, 226.

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](#).

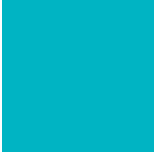
Dichromacy



Original Color
32, 176, 226

Protanopia
148, 160, 214

Deuteranopia
138, 161, 230



Tritanopia
0, 180, 195

Trichromacy



Original Color

32, 176, 226



Protanomaly

106, 166, 218



Deuteranomaly

99, 166, 229



Tritanomaly

12, 179, 206

Monochromacy



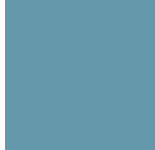
Original Color

32, 176, 226



Achromatopsia

139, 139, 139



Achromatomaly

100, 152, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 32, 176, 226 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, 176, 226)` looks like.

```
.text, #text, p{  
    color:rgb(32, 176, 226)  
}
```

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, 176, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 176, 226) }
```

Border

The CSS property to change the border of an element to RGB 32, 176, 226 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, 176, 226) }
```

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

```
.border{ border-color:rgb(32, 176, 226) }
```

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

Here you see how a box with a 4 pixel rgb(32, 176, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 176, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 176, 226);  
box-shadow:4px 4px 4px 4px rgb(32, 176,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 32, 176, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 176, 226) }
```

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

```
.background{ background-color: rgb(32, 176,  
226) }
```

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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