

Converting Colors

RGB(34, 182, 215)

Have a look what the booklet for
RGB(34, 182, 215) contains.

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Color

RGB(34, 182, 215)

Conversions

Conversions Part 1

Format	Color
Hex	22B6D7
RGB	34, 182, 215
RGB Percent	13%, 71%, 84%
CMY	0.8667, 0.2863, 0.1569
CMYK	0.84, 0.15, 0.00, 0.16
HSL	191°, 73%, 49%
HSV	191°, 84%, 84%
XYZ	29.6534, 38.7023, 70.1974
YIQ	141.5100, -98.8010, -21.1130

Conversions

Conversions Part 2

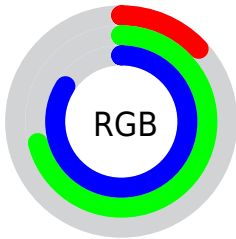
Format	Color
RYB	34, 115, 215
Decimal	2275031
CIELab	68.54, -25.26, -27.03
CIElCh	69, 36.992, 226.936
Yxy	38.7023, 0.2140, 0.2793
Android (android.graphics.Color)	4280465111 (0xFF22B6D7)
YUV	141.5100, 36.2306, -94.2863
Hunter-Lab	62.2112, -23.7863, -23.3534

Details

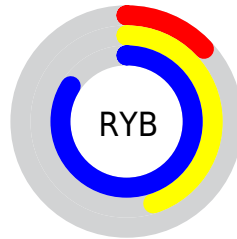
The RGB color **34, 182, 215** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **215, 67, 34**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **114, 238, 255**, and **0, 129, 160** is the 20% darker color. If you saturate the color by 10%, you get **12, 178, 215**, and if you desaturate by 10%, it is **55, 186, 215**.

Distribution



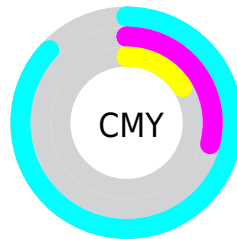
- Red (13%)
- Green (71%)
- Blue (84%)



- Red (13%)
- Yellow (45%)
- Blue (84%)



- Cyan (84%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)




















- Cyan (87%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 34, 182, 215 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, 182, 215 by changing the saturation by 10% instead.

 34, 182, 215	 34, 182, 215
 255, 255, 255	 0, 155, 187
 114, 238, 255	 0, 129, 160
 145, 255, 255	 0, 103, 134
 177, 255, 255	 0, 79, 108
 207, 255, 255	 0, 56, 84
 238, 255, 255	 0, 35, 61
	 0, 3, 39
	 0, 1, 16
	 0, 0, 0

■ 34, 182, 215

■ 34, 182, 215

■ 12, 178, 215

■ 55, 186, 215

■ 0, 176, 215

■ 77, 190, 215

■ 99, 194, 215

■ 120, 198, 215

■ 142, 202, 215

■ 163, 206, 215

■ 185, 209, 215

■ 206, 213, 215

■ 228, 217, 215

Harmonies

Analogous

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



41, 185, 185



34, 182, 215



93, 175, 232

Triad

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



34, 182, 215



223, 143, 183



170, 171, 102

Complementary

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



34, 182, 215



215, 67, 34

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.



202, 160, 102



34, 182, 215



233, 142, 149

Square

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



34, 182, 215



195, 152, 213



224, 149, 120



132, 179, 120

Rectangle

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



34, 182, 215



132, 168, 233



224, 149, 120



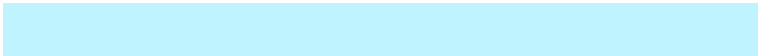
182, 168, 100

Sweetspot

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



34, 182, 215



191, 243, 255



34, 215, 64



89, 121, 128



0, 0, 0



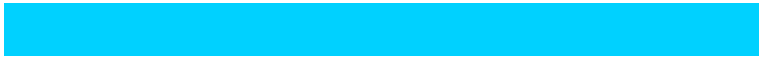
128, 128, 128

Same Dimension

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



34, 182, 215



0, 209, 255



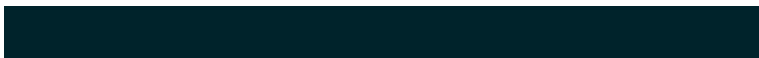
34, 94, 215



96, 105, 107



0, 140, 171



0, 35, 43

Inverse Universe

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



215, 34, 182



255, 0, 209



215, 155, 34



107, 96, 105



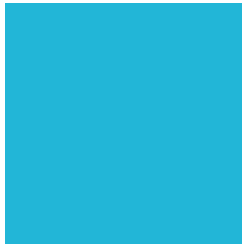
171, 0, 140



43, 0, 35

Previews

White Background



This preview shows how the RGB color 34, 182, 215 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, 182, 215 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, 182, 215 Background



This preview shows how black text looks on a background with the RGB color 34, 182, 215.

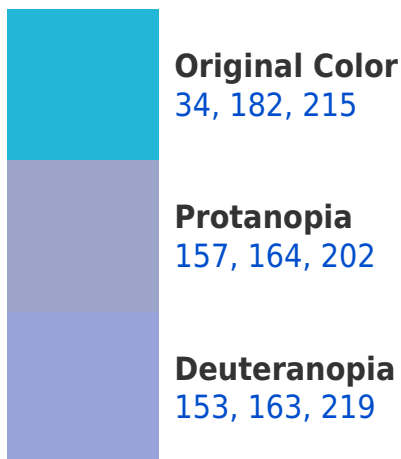


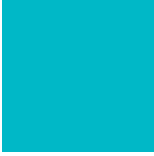
This preview shows how white text looks on a background with the RGB color 34, 182, 215.

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
0, 184, 199

Trichromacy



Original Color

34, 182, 215



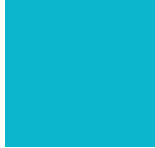
Protanomaly

112, 171, 207



Deuteranomaly

110, 170, 218



Tritanomaly

12, 183, 205

Monochromacy



Original Color

34, 182, 215



Achromatopsia

142, 142, 142



Achromatomaly

103, 157, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 34, 182, 215 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, 182, 215)` looks like.

```
.text, #text, p{  
    color:rgb(34, 182, 215)  
}
```

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, 182, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 182, 215) }
```

Border

The CSS property to change the border of an element to RGB 34, 182, 215 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, 182, 215) }
```

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

```
.border{ border-color:rgb(34, 182, 215) }
```

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

Here you see how a box with a 4 pixel rgb(34, 182, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 182, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 182, 215);  
box-shadow:4px 4px 4px 4px rgb(34, 182,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 34, 182, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 182, 215) }
```

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

```
.background{ background-color: rgb(34, 182,  
215) }
```

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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