

Converting Colors

RGB(24, 184, 205)

Have a look what the booklet for
RGB(24, 184, 205) contains.

RGB(24, 184, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(24, 184, 205)

Conversions

Conversions Part 1

Format	Color
Hex	18B8CD
RGB	24, 184, 205
RGB Percent	9%, 72%, 80%
CMY	0.9059, 0.2784, 0.1961
CMYK	0.88, 0.10, 0.00, 0.20
HSL	187°, 79%, 45%
HSV	187°, 88%, 80%
XYZ	28.5366, 38.8829, 63.7587
YIQ	138.5540, -102.1010, -27.3890

Conversions

Conversions Part 2

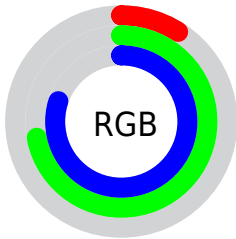
Format	Color
R_{YB}	24, 109, 205
Decimal	1620173
CIE _{Lab}	68.67, -30.14, -21.35
CIE _{LCh}	69, 36.931, 215.311
Yxy	38.8829, 0.2175, 0.2964
Android (android.graphics.Color)	4279810253 (0xFF18B8CD)
YUV	138.5540, 32.7579, -100.4639
Hunter-Lab	62.3562, -27.4348, -16.9742

Details

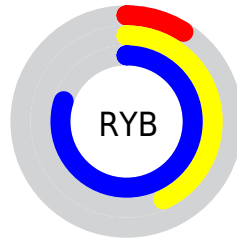
The RGB color **24, 184, 205** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **205, 45, 24**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **109, 240, 255**, and **0, 130, 151** is the 20% darker color. If you saturate the color by 10%, you get **4, 182, 205**, and if you desaturate by 10%, it is **45, 186, 205**.

Distribution



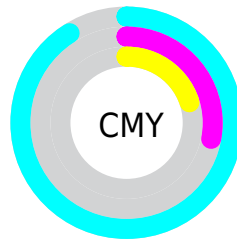
- Red (9%)
- Green (72%)
- Blue (80%)



- Red (9%)
- Yellow (43%)
- Blue (80%)



- Cyan (88%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)




















- Cyan (91%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 24, 184, 205 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 24, 184, 205 by changing the saturation by 10% instead.

 24, 184, 205	 24, 184, 205
 255, 255, 255	 0, 157, 178
 109, 240, 255	 0, 130, 151
 141, 255, 255	 0, 105, 125
 172, 255, 255	 0, 80, 100
 203, 255, 255	 0, 57, 76
 234, 255, 255	 0, 36, 53
	 0, 2, 32
	 0, 0, 4
	 0, 0, 0

■ 24, 184, 205

■ 24, 184, 205

■ 4, 182, 205

■ 45, 186, 205

■ 0, 181, 205

■ 65, 189, 205

■ 86, 191, 205

■ 106, 194, 205

■ 126, 196, 205

■ 147, 198, 205

■ 168, 201, 205

■ 188, 203, 205

■ 209, 205, 205

Harmonies

Analogous

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



61, 185, 173



24, 184, 205



70, 178, 227

Triad

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



24, 184, 205



215, 146, 196



184, 167, 100

Complementary

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



24, 184, 205



205, 45, 24

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.



213, 156, 107



24, 184, 205



232, 141, 163

Square

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



24, 184, 205



179, 157, 222



230, 146, 131



148, 177, 112

Rectangle

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



24, 184, 205



110, 172, 234



230, 146, 131



194, 164, 101

Sweetspot

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



24, 184, 205



189, 247, 255



24, 205, 42



88, 123, 128



0, 0, 0



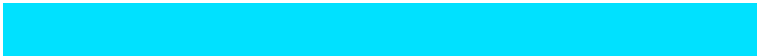
128, 128, 128

Same Dimension

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



24, 184, 205



0, 225, 255



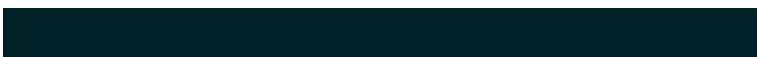
24, 96, 205



92, 101, 102



0, 147, 166



0, 34, 38

Inverse Universe

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



205, 24, 184



255, 0, 225



205, 133, 24



102, 92, 101



166, 0, 147



38, 0, 34

Previews

White Background



This preview shows how the RGB color 24, 184, 205 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 24, 184, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

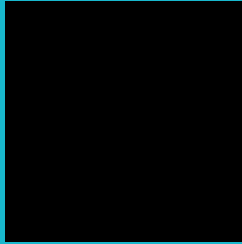
Any Text WCAG AA ✓ Pass

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 24, 184, 205 Background



This preview shows how black text looks on a background with the RGB color 24, 184, 205.



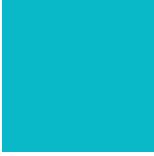
This preview shows how white text looks on a background with the RGB color 24, 184, 205.

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
9, 185, 200

Trichromacy



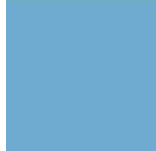
Original Color

24, 184, 205



Protanomaly

111, 172, 197



Deuteranomaly

111, 171, 208



Tritanomaly

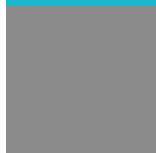
14, 185, 202

Monochromacy



Original Color

24, 184, 205



Achromatopsia

139, 139, 139



Achromatomaly

97, 155, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 24, 184, 205 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(24, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(24, 184, 205)  
}
```

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(24, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 184, 205) }
```

Border

The CSS property to change the border of an element to RGB 24, 184, 205 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(24, 184, 205) }
```

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

```
.border{ border-color:rgb(24, 184, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(24, 184,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 24, 184, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 184, 205) }
```

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

```
.background{ background-color: rgb(24, 184,  
205) }
```

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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