

Converting Colors

RGB(24, 166, 242)

Have a look what the booklet for
RGB(24, 166, 242) contains.

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Color

RGB(24, 166, 242)

Conversions

Conversions Part 1

Format	Color
Hex	18A6F2
RGB	24, 166, 242
RGB Percent	9%, 65%, 95%
CMY	0.9059, 0.3490, 0.0510
CMYK	0.90, 0.31, 0.00, 0.05
HSL	201°, 89%, 52%
HSV	201°, 90%, 95%
XYZ	30.0399, 33.8774, 88.9601
YIQ	132.2060, -109.0280, -6.4680

Conversions

Conversions Part 2

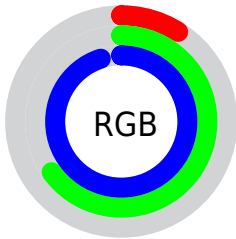
Format	Color
R _Y B	24, 110, 242
Decimal	1615602
CIE Lab	64.87, -7.97, -47.55
CIE LCh	65, 48.213, 260.481
Yxy	33.8774, 0.1965, 0.2216
Android (android.graphics.Color)	4279805682 (0xFF18A6F2)
YUV	132.2060, 54.1284, -94.8967
Hunter-Lab	58.2043, -9.7317, -49.8765

Details

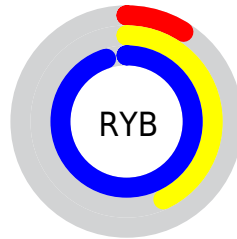
The RGB color **24, 166, 242** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **242, 100, 24**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **114, 221, 255**, and **0, 114, 185** is the 20% darker color. If you saturate the color by 10%, you get **0, 158, 242**, and if you desaturate by 10%, it is **48, 174, 242**.

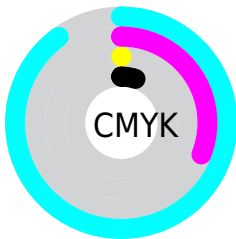
Distribution



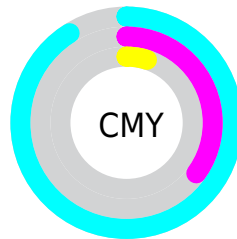
- Red (9%)
- Green (65%)
- Blue (95%)



- Red (9%)
- Yellow (43%)
- Blue (95%)



- Cyan (90%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)




















- Cyan (91%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 24, 166, 242 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, 166, 242 by changing the saturation by 10% instead.

 24, 166, 242	 24, 166, 242
 255, 255, 255	 0, 140, 213
 114, 221, 255	 0, 114, 185
 147, 249, 255	 0, 90, 158
 179, 255, 255	 0, 67, 132
 210, 255, 255	 0, 45, 106
 242, 255, 255	 0, 26, 81
	 0, 5, 58
	 0, 2, 35
	 0, 0, 10

■ 24, 166, 242

■ 24, 166, 242

■ 0, 158, 242

■ 48, 174, 242

■ 72, 183, 242

■ 97, 191, 242

■ 121, 200, 242

■ 145, 208, 242

■ 169, 217, 242

■ 193, 225, 242

■ 218, 233, 242

■ 242, 242, 242

Harmonies

Analogous

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



0, 175, 223



24, 166, 242



138, 151, 238

Triad

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



24, 166, 242



238, 122, 130



103, 173, 100

Complementary

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



24, 166, 242



242, 100, 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.



154, 164, 73



24, 166, 242



225, 134, 92

Square

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



24, 166, 242



230, 122, 173



195, 150, 70



0, 178, 142

Rectangle

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



24, 166, 242



180, 140, 223



195, 150, 70



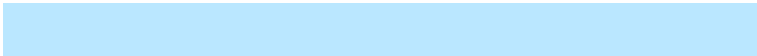
121, 171, 89

Sweetspot

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



24, 166, 242



186, 231, 255



24, 242, 97



87, 113, 128



0, 0, 0



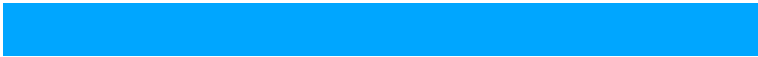
128, 128, 128

Same Dimension

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



24, 166, 242



0, 166, 255



24, 60, 242



108, 116, 120



0, 120, 184



0, 37, 56

Inverse Universe

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



242, 24, 166



255, 0, 166



242, 206, 24



120, 108, 116



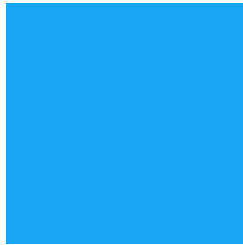
184, 0, 120



56, 0, 37

Previews

White Background



This preview shows how the RGB color 24, 166, 242 looks on a white background.

Color Contrast Check

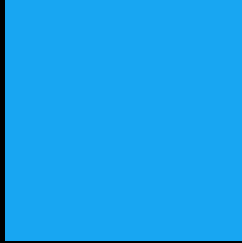
Large Text (above 18pt) WCAG AA × Fail

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, 166, 242 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

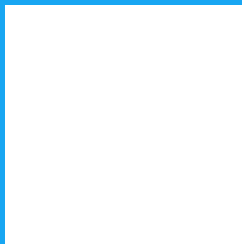
Any Text WCAG AAA ✓ Pass

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

RGB 24, 166, 242 Background



This preview shows how black text looks on a background with the RGB color 24, 166, 242.

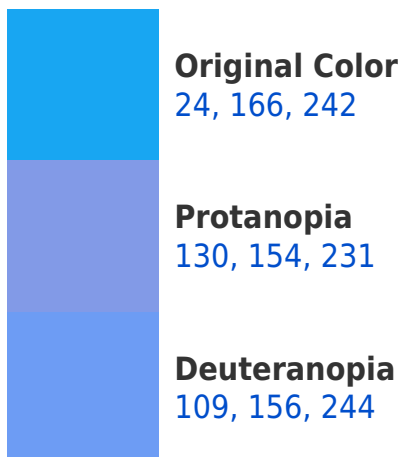


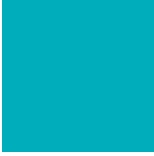
This preview shows how white text looks on a background with the RGB color 24, 166, 242.

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, 174, 187

Trichromacy



Original Color
24, 166, 242

Protanomaly
91, 158, 235

Deuteranomaly
78, 160, 243

Tritanomaly
9, 171, 207

Monochromacy



Original Color
24, 166, 242

Achromatopsia
132, 132, 132

Achromatomaly
93, 144, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 24, 166, 242 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, 166, 242)` looks like.

```
.text, #text, p{  
    color:rgb(24, 166, 242)  
}
```

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, 166, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 166, 242) }
```

Border

The CSS property to change the border of an element to RGB 24, 166, 242 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, 166, 242) }
```

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

```
.border{ border-color:rgb(24, 166, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 166, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 166, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 166, 242);  
box-shadow:4px 4px 4px 4px rgb(24, 166,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 24, 166, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 166, 242) }
```

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

```
.background{ background-color: rgb(24, 166,  
242) }
```

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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