

# Converting Colors

RGB(24, 131, 214)

Have a look what the booklet for  
RGB(24, 131, 214) contains.

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# Color

**RGB(24, 131, 214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1883D6
RGB	24, 131, 214
RGB Percent	9%, 51%, 84%
CMY	0.9059, 0.4863, 0.1608
CMYK	0.89, 0.39, 0.00, 0.16
HSL	206°, 80%, 47%
HSV	206°, 89%, 84%
XYZ	20.6306, 21.2818, 66.6388
YIQ	108.4690, -90.4150, 3.1290

# Conversions

## Conversions Part 2

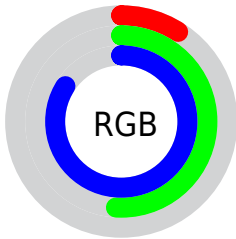
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 92, 214
Decimal	1606614
CIE <sub>Lab</sub>	53.26, 1.97, -50.40
CIE <sub>LCh</sub>	53, 50.436, 272.237
Yxy	21.2818, 0.1901, 0.1961
Android (android.graphics.Color)	4279796694 (0xFF1883D6)
YUV	108.4690, 52.0268, -74.0793
Hunter-Lab	46.1322, -0.9052, -53.3528

# Details

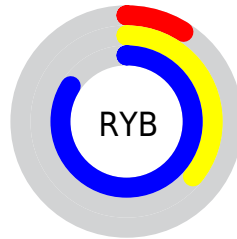
The RGB color **24, 131, 214** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **214, 107, 24**, and the grayscale version is **108, 108, 108**.

A 20% lighter version of the original color is **107, 184, 255**, and **0, 82, 159** is the 20% darker color. If you saturate the color by 10%, you get **3, 122, 214**, and if you desaturate by 10%, it is **45, 140, 214**.

# Distribution



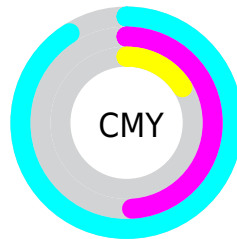
- Red (9%)
- Green (51%)
- Blue (84%)



- Red (9%)
- Yellow (36%)
- Blue (84%)



- Cyan (89%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)




















- Cyan (91%)
- Magenta (49%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 24, 131, 214 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, 131, 214 by changing the saturation by 10% instead.



 24, 131, 214	 24, 131, 214
 255, 255, 255	 0, 106, 186
 107, 184, 255	 0, 82, 159
 138, 211, 255	 0, 60, 132
 169, 239, 255	 0, 39, 106
 200, 255, 255	 0, 18, 82
 231, 255, 255	 0, 5, 58
	 0, 2, 35
	 0, 0, 10
	 0, 0, 0

■ 24, 131, 214

■ 24, 131, 214

■ 3, 122, 214

■ 45, 140, 214

■ 0, 121, 214

■ 67, 150, 214

■ 88, 159, 214

■ 110, 168, 214

■ 131, 178, 214

■ 152, 187, 214

■ 174, 196, 214

■ 195, 206, 214

■ 217, 215, 214

# Harmonies

## Analogous

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



0, 142, 203



24, 131, 214



133, 114, 201

# Triad

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



24, 131, 214



203, 94, 83



34, 145, 85

# Complementary

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



24, 131, 214



214, 107, 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.



103, 138, 48



24, 131, 214



182, 110, 49

# Square

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



24, 131, 214



205, 87, 126



147, 126, 33



0, 148, 129

# Rectangle

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



24, 131, 214



169, 102, 181



147, 126, 33



65, 143, 71

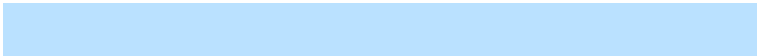


# Sweetspot

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



24, 131, 214



186, 225, 255



24, 214, 106



87, 110, 128



0, 0, 0



128, 128, 128

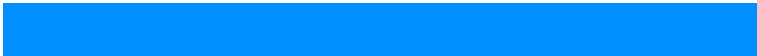


# Same Dimension

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



24, 131, 214



0, 144, 255



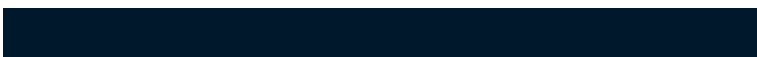
24, 37, 214



96, 102, 107



0, 96, 171



0, 24, 43



# Inverse Universe

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



214, 24, 131



255, 0, 144



214, 201, 24



107, 96, 102



171, 0, 96



43, 0, 24



# Previews

## White Background



This preview shows how the RGB color 24, 131, 214 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 131, 214 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 × Fail

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



## RGB 24, 131, 214 Background



This preview shows how black text looks on a background with the RGB color 24, 131, 214.

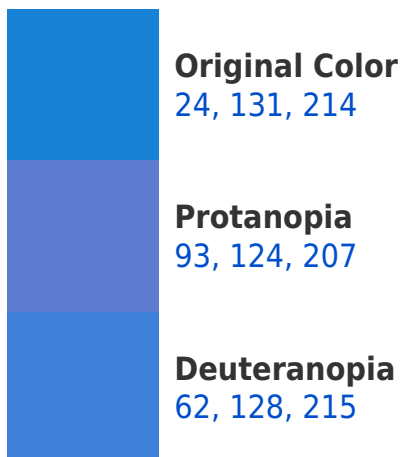


This preview shows how white text looks on a background with the RGB color 24, 131, 214.

# 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



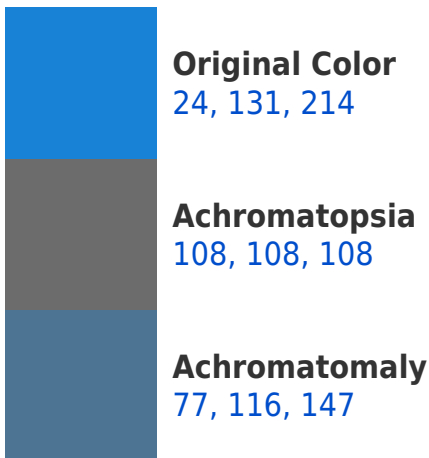


**Tritanopia**  
0, 141, 151

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 24, 131, 214 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, 131, 214)` looks like.

```
.text, #text, p{  
    color:rgb(24, 131, 214)  
}
```

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, 131, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 131, 214) }
```

## Border

The CSS property to change the border of an element to RGB 24, 131, 214 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, 131, 214) }
```

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

```
.border{ border-color:rgb(24, 131, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 131, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 131, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 131, 214);  
box-shadow:4px 4px 4px 4px rgb(24, 131,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 24, 131, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 131, 214) }
```

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

```
.background{ background-color: rgb(24, 131,  
214) }
```

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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