

Converting Colors

RGB(24, 95, 235)

Have a look what the booklet for
RGB(24, 95, 235) contains.

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Color

RGB(24, 95, 235)

Conversions

Conversions Part 1

Format	Color
Hex	185FEB
RGB	24, 95, 235
RGB Percent	9%, 37%, 92%
CMY	0.9059, 0.6275, 0.0784
CMYK	0.90, 0.60, 0.00, 0.08
HSL	220°, 84%, 51%
HSV	220°, 90%, 92%
XYZ	19.4643, 14.3768, 80.3464
YIQ	89.7310, -87.2560, 28.4880

Conversions

Conversions Part 2

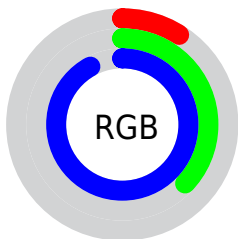
Format	Color
R_{YB}	24, 77, 235
Decimal	1597419
CIE _{Lab}	44.77, 32.78, -75.96
CIE _{LCh}	45, 82.730, 293.345
Yxy	14.3768, 0.1705, 0.1259
Android (android.graphics.Color)	4279787499 (0xFF185FEB)
YUV	89.7310, 71.6176, -57.6461
Hunter-Lab	37.9167, 25.2776, -99.0952

Details

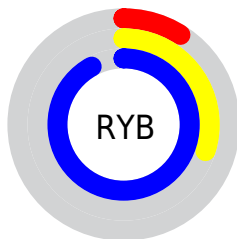
The RGB color **24, 95, 235** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **235, 164, 24**, and the grayscale version is **89, 89, 89**.

A 20% lighter version of the original color is **113, 145, 255**, and **0, 50, 178** is the 20% darker color. If you saturate the color by 10%, you get **0, 79, 235**, and if you desaturate by 10%, it is **48, 111, 235**.

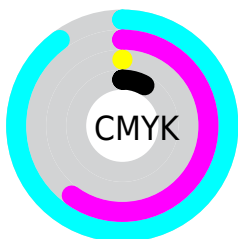
Distribution



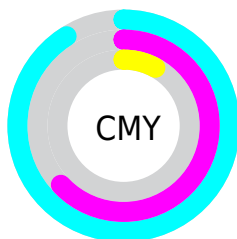
- Red (9%)
- Green (37%)
- Blue (92%)



- Red (9%)
- Yellow (30%)
- Blue (92%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (8%)




















- Cyan (91%)
- Magenta (63%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 24, 95, 235 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, 95, 235 by changing the saturation by 10% instead.

 24, 95, 235	 24, 95, 235
 255, 255, 255	 0, 72, 206
 113, 145, 255	 0, 50, 178
 147, 171, 255	 0, 31, 150
 178, 198, 255	 0, 14, 124
 210, 226, 255	 0, 8, 98
 241, 255, 255	 0, 9, 73
	 0, 4, 49
	 0, 1, 27
	 0, 0, 0

■ 24, 95, 235

■ 24, 95, 235

■ 0, 79, 235

■ 48, 111, 235

■ 0, 79, 235

■ 71, 126, 235

■ 94, 142, 235

■ 118, 157, 235

■ 141, 173, 235

■ 165, 189, 235

■ 188, 204, 235

■ 212, 220, 235

■ 236, 235, 235

Harmonies

Analogous

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



0, 120, 246



24, 95, 235



170, 48, 190

Triad

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



24, 95, 235



191, 62, 0



0, 132, 88

Complementary

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



24, 95, 235



235, 164, 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.



0, 128, 0



24, 95, 235



142, 98, 0

Square

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



24, 95, 235



218, 0, 57



77, 118, 0



0, 134, 159

Rectangle

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



24, 95, 235



205, 0, 147



77, 118, 0



0, 131, 63

Sweetspot

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



24, 95, 235



186, 209, 255



24, 235, 161



87, 100, 128



0, 0, 0



128, 128, 128

Same Dimension

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



24, 95, 235



0, 86, 255



56, 24, 235



106, 110, 117



0, 61, 181



0, 18, 54

Inverse Universe

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



235, 24, 95



255, 0, 86



203, 235, 24



117, 106, 110



181, 0, 61



54, 0, 18

Previews

White Background



This preview shows how the RGB color 24, 95, 235 looks on a white 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

Black Background



This preview shows how the RGB color 24, 95, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

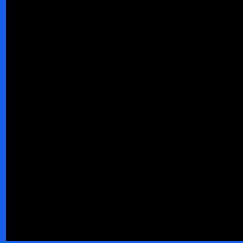
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 24, 95, 235 Background



This preview shows how black text looks on a background with the RGB color 24, 95, 235.



This preview shows how white text looks on a background with the RGB color 24, 95, 235.

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

24, 95, 235

Protanopia

0, 101, 215

Deuteranopia

0, 108, 184



Tritanopia
0, 117, 124

Trichromacy



Original Color

24, 95, 235

Protanomaly

9, 99, 222

Deuteranomaly

9, 103, 203

Tritanomaly

9, 109, 164

Monochromacy



Original Color

24, 95, 235

Achromatopsia

90, 90, 90

Achromatomaly

66, 92, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 24, 95, 235 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, 95, 235)` looks like.

```
.text, #text, p{  
    color:rgb(24, 95, 235)  
}
```

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, 95, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 95, 235) }
```

Border

The CSS property to change the border of an element to RGB 24, 95, 235 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, 95, 235) }
```

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

```
.border{ border-color:rgb(24, 95, 235) }
```

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

Here you see how a box with a 4 pixel rgb(24, 95, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 95, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 95, 235);  
box-shadow:4px 4px 4px 4px rgb(24, 95,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 24, 95, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 95, 235) }
```

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

```
.background{ background-color: rgb(24, 95,  
235) }
```

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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