

Converting Colors

RGB(19, 90, 185)

Have a look what the booklet for
RGB(19, 90, 185) contains.

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Color

RGB(19, 90, 185)

Conversions

Conversions Part 1

Format	Color
Hex	135AB9
RGB	19, 90, 185
RGB Percent	7%, 35%, 73%
CMY	0.9255, 0.6471, 0.2745
CMYK	0.90, 0.51, 0.00, 0.27
HSL	214°, 81%, 40%
HSV	214°, 90%, 73%
XYZ	12.6817, 10.9536, 47.3448
YIQ	79.6010, -72.8110, 14.4930

Conversions

Conversions Part 2

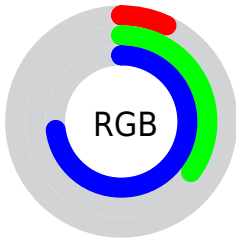
Format	Color
R_{YB}	19, 69, 185
Decimal	1268409
CIE _{Lab}	39.50, 16.26, -55.83
CIE _{LCh}	40, 58.146, 286.241
Yxy	10.9536, 0.1787, 0.1543
Android (android.graphics.Color)	4279458489 (0xFF135AB9)
YUV	79.6010, 51.9617, -53.1471
Hunter-Lab	33.0962, 10.4788, -61.6483

Details

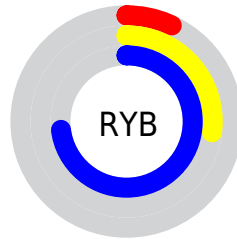
The RGB color **19, 90, 185** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **185, 114, 19**, and the grayscale version is **79, 79, 79**.

A 20% lighter version of the original color is **98, 139, 242**, and **0, 46, 131** is the 20% darker color. If you saturate the color by 10%, you get **0, 79, 185**, and if you desaturate by 10%, it is **37, 101, 185**.

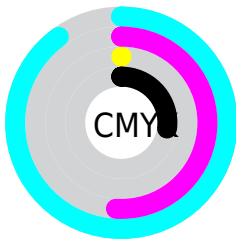
Distribution



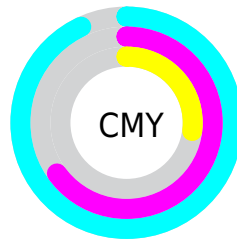
- Red (7%)
- Green (35%)
- Blue (73%)



- Red (7%)
- Yellow (27%)
- Blue (73%)



- Cyan (90%)
- Magenta (51%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 19, 90, 185 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 19, 90, 185 by changing the saturation by 10% instead.



19, 90, 185



19, 90, 185

255, 255, 255



0, 67, 158



98, 139, 242



0, 46, 131



129, 166, 255



0, 27, 105



159, 192, 255



0, 0, 80



189, 220, 255



0, 5, 56



219, 249, 255



0, 2, 34



249, 255, 255



0, 0, 8



0, 0, 0



19, 90, 185



19, 90, 185

■ 0, 79, 185

■ 37, 101, 185

■ 0, 79, 185

■ 56, 111, 185

■ 74, 122, 185

■ 93, 132, 185

■ 111, 143, 185

■ 130, 154, 185

■ 148, 164, 185

■ 167, 175, 185

■ 186, 185, 185

Harmonies

Analogous

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



0, 105, 186



19, 90, 185



126, 67, 159

Triad

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



19, 90, 185



161, 60, 24



0, 113, 69

Complementary

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



19, 90, 185



185, 114, 19

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.



24, 108, 17



19, 90, 185



131, 83, 0

Square

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



19, 90, 185



175, 38, 70



89, 99, 0



0, 114, 118

Rectangle

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



19, 90, 185



156, 49, 132



89, 99, 0



0, 111, 52

Sweetspot

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



19, 90, 185



175, 203, 240



19, 185, 113



81, 98, 120



247, 247, 247



120, 120, 120

Same Dimension

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



19, 90, 185



0, 103, 240



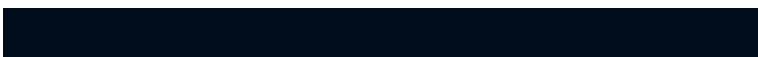
30, 19, 185



83, 87, 92



0, 67, 156



0, 12, 28

Inverse Universe

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



185, 19, 90



240, 0, 103



174, 185, 19



92, 83, 87



156, 0, 67



28, 0, 12

Previews

White Background



This preview shows how the RGB color 19, 90, 185 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 19, 90, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

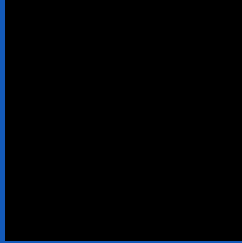
Any Text WCAG AA × Fail

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 19, 90, 185 Background



This preview shows how black text looks on a background with the RGB color 19, 90, 185.



This preview shows how white text looks on a background with the RGB color 19, 90, 185.

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

19, 90, 185

Protanopia

30, 89, 184

Deuteranopia

0, 95, 165



Tritanopia
0, 103, 110

Trichromacy



Original Color

19, 90, 185

Protanomaly

26, 89, 184

Deuteranomaly

7, 93, 172

Tritanomaly

7, 98, 137

Monochromacy



Original Color

19, 90, 185

Achromatopsia

80, 80, 80

Achromatomaly

58, 84, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 19, 90, 185 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(19, 90, 185)` looks like.

```
.text, #text, p{  
    color:rgb(19, 90, 185)  
}
```

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(19, 90, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 90, 185) }
```

Border

The CSS property to change the border of an element to RGB 19, 90, 185 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(19, 90, 185) }
```

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

```
.border{ border-color:rgb(19, 90, 185) }
```

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

Here you see how a box with a 4 pixel rgb(19, 90, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 90, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 90, 185);  
box-shadow:4px 4px 4px 4px rgb(19, 90,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 19, 90, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 90, 185) }
```

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

```
.background{ background-color: rgb(19, 90,  
185) }
```

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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