

Converting Colors

RGB(0, 135, 174)

Have a look what the booklet for
RGB(0, 135, 174) contains.

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Color

RGB(0, 135, 174)

Conversions

Conversions Part 1

Format	Color
Hex	0087AE
RGB	0, 135, 174
RGB Percent	0%, 53%, 68%
CMY	1.0000, 0.4706, 0.3176
CMYK	1.00, 0.22, 0.00, 0.32
HSL	193°, 100%, 34%
HSV	193°, 100%, 68%
XYZ	16.3040, 20.3839, 43.1196
YIQ	99.0810, -92.9790, -16.4910

Conversions

Conversions Part 2

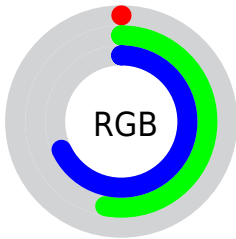
Format	Color
RYB	0, 76, 174
Decimal	34734
CIELab	52.27, -16.45, -29.17
CIELCh	52, 33.484, 240.582
Yxy	20.3839, 0.2043, 0.2554
Android (android.graphics.Color)	4278224814 (0xFF0087AE)
YUV	99.0810, 36.9351, -86.8940
Hunter-Lab	45.1486, -14.5505, -25.0215

Details

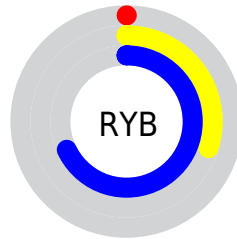
The RGB color **0, 135, 174** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **174, 39, 0**, and the grayscale version is **99, 99, 99**.

A 20% lighter version of the original color is **92, 188, 230**, and **0, 85, 121** is the 20% darker color. If you saturate the color by 10%, you get **0, 135, 174**, and if you desaturate by 10%, it is **17, 139, 174**.

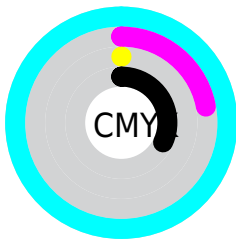
Distribution



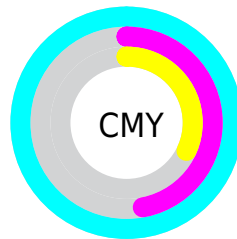
- Red (0%)
- Green (53%)
- Blue (68%)



- Red (0%)
- Yellow (30%)
- Blue (68%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RGB color 0, 135, 174 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 0, 135, 174 by changing the saturation by 10% instead.

 0, 135, 174

 0, 135, 174

255, 255, 255

 0, 110, 147

 92, 188, 230

 0, 85, 121

 123, 216, 255

 0, 62, 96


 153, 245, 255

 0, 40, 72

 182, 255, 255

 0, 18, 50


 212, 255, 255

 0, 2, 28

 243, 255, 255

 0, 0, 0

 0, 135, 174

 17, 139, 174

■ 35, 143, 174

■ 52, 147, 174

■ 70, 151, 174

■ 87, 155, 174

■ 104, 158, 174

■ 122, 162, 174

■ 139, 166, 174

■ 157, 170, 174

Harmonies

Analogous

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



0, 139, 153



0, 135, 174



81, 127, 182

Triad

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



0, 135, 174



178, 102, 125



113, 132, 74

Complementary

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



0, 135, 174



174, 39, 0

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.



142, 123, 66



0, 135, 174



179, 104, 97

Square

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



0, 135, 174



161, 107, 153



165, 113, 75



78, 137, 95

Rectangle

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



0, 135, 174



114, 121, 178



165, 113, 75



123, 129, 70

Sweetspot

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



0, 135, 174



159, 212, 227



0, 174, 38



73, 105, 115



242, 242, 242



115, 115, 115

Same Dimension

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



0, 135, 174



0, 176, 227



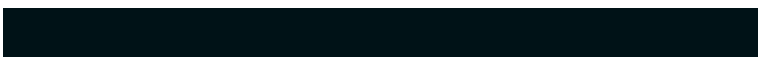
0, 49, 174



78, 85, 87



0, 117, 150



0, 18, 23

Inverse Universe

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



174, 0, 135



227, 0, 176



174, 125, 0



87, 78, 85



150, 0, 117



23, 0, 18

Previews

White Background



This preview shows how the RGB color 0, 135, 174 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 0, 135, 174 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 0, 135, 174 Background



This preview shows how black text looks on a background with the RGB color 0, 135, 174.

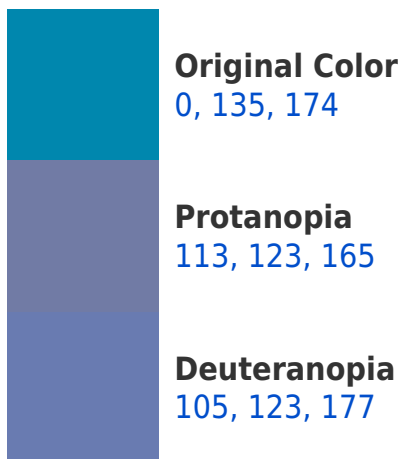


This preview shows how white text looks on a background with the RGB color 0, 135, 174.

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, 138, 149

Trichromacy



Original Color

0, 135, 174



Protanomaly

72, 127, 168



Deuteranomaly

67, 127, 176



Tritanomaly

0, 137, 158

Monochromacy



Original Color

0, 135, 174



Achromatopsia

99, 99, 99



Achromatomaly

63, 112, 126

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 135, 174 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(0, 135, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 174)  
}
```

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(0, 135, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 174) }
```

Border

The CSS property to change the border of an element to RGB 0, 135, 174 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(0, 135, 174) }
```

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

```
.border{ border-color:rgb(0, 135, 174) }
```

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

Here you see how a box with a 4 pixel rgb(0, 135, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 0, 135, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 174) }
```

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

```
.background{ background-color: rgb(0, 135,  
174) }
```

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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