Converting Colors

RGB(15, 143, 219)

Have a look what the booklet for RGB(15, 143, 219) contains.

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Color

RGB(15, 143, 219)

Conversions

Conversions Part 1

Format	Color
Hex	0F8FDB
RGB	15, 143, 219
RGB Percent	6%, 56%, 86%
CMY	0.9412, 0.4392, 0.1412
CMYK	0.93, 0.35, 0.00, 0.14
HSL	202°, 87%, 46%
HSV	202°, 93%, 86%
XYZ	22.8056, 24.8610, 70.6145
YIQ	113.3920, -100.6840, -3.5000

Conversions

Conversions Part 2

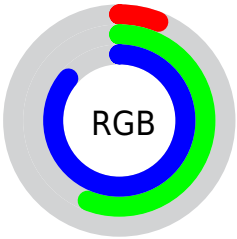
Format	Color
RYB	15, 94, 219
Decimal	1019867
CIELab	56.94, -3.70, -47.36
CIELCh	57, 47.504, 265.536
Yxy	24.8610, 0.1928, 0.2102
Android (android.graphics.Color)	4279209947 (0xFF0F8FDB)
YUV	113.3920, 52.0647, -86.2898
Hunter-Lab	49.8608, -5.6128, -49.0660

Details

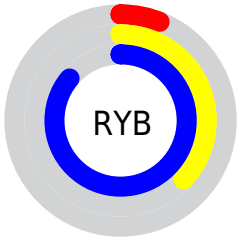
The RGB color 15, 143, 219 is a dark color, and the websafe version is hex 0099FF. The color can be described as dark washed azure. A complement of this color would be 219, 91, 15, and the grayscale version is 113, 113, 113.

A 20% lighter version of the original color is 106, 196, 255, and 0, 93, 163 is the 20% darker color. If you saturate the color by 10%, you get 0, 137, 219, and if you desaturate by 10%, it is 37, 151, 219.

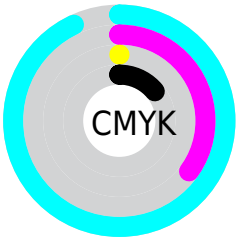
Distribution



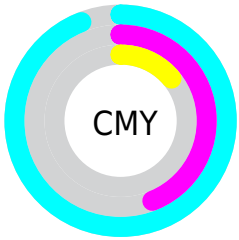
- Red (6%)
- Green (56%)
- Blue (86%)



- Red (6%)
- Yellow (37%)
- Blue (86%)



- Cyan (93%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (94%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 15, 143, 219 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 15, 143, 219 by changing the saturation by 10% instead.

15, 143, 219

255, 255, 255

106, 196, 255

138, 224, 255

169, 253, 255

200, 255, 255

231, 255, 255

15, 143, 219

0, 118, 191

0, 93, 163

0, 70, 137

0, 48, 111

0, 28, 86

0, 6, 62

0, 3, 39

0, 1, 17

0, 0, 0

15, 143, 219

0, 137, 219

15, 143, 219

37, 151, 219

59, 159, 219

81, 167, 219

103, 176, 219

125, 184, 219

146, 192, 219

168, 200, 219

190, 208, 219

212, 216, 219

Harmonies

Analogous

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

0, 153, 204

15, 143, 219

129, 128, 212

Triad

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

15, 143, 219

213, 103, 103

73, 153, 88

Complementary

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

15, 143, 219

219, 91, 15

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.

125, 145, 58

15, 143, 219

196, 117, 69

Square

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

15, 143, 219

209, 101, 145

165, 132, 50

0, 157, 129

Rectangle

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

15, 143, 219

167, 117, 195

165, 132, 50

92, 151, 76

Sweetspot

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

15, 143, 219

184, 228, 255

15, 219, 90

84, 111, 128

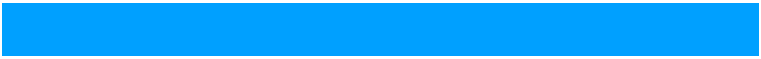
0, 0, 0

128, 128, 128

Same Dimension

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

15, 143, 219



0, 160, 255

15, 42, 219

99, 106, 110

0, 109, 173

0, 29, 46

Inverse Universe

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

219, 15, 143

255, 0, 160

219, 192, 15

110, 99, 106

173, 0, 109

46, 0, 29

Previews

White Background

This preview shows how the RGB color 15, 143, 219 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 15, 143, 219 looks on a black background.

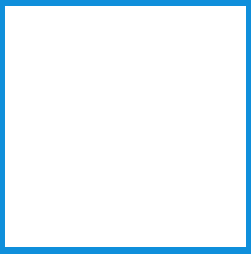
Color Contrast Check

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 15, 143, 219 Background

This preview shows how black text looks on a background with the RGB color 15, 143, 219.



This preview shows how white text looks on a background with the RGB color 15, 143, 219.

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

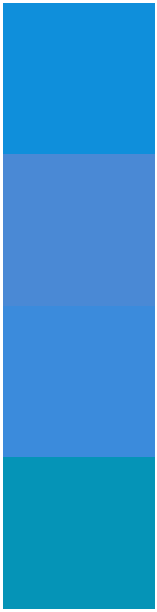
Original Color
15, 143, 219

Protanopia
108, 133, 210

Deuteranopia
84, 136, 221

Tritanopia
0, 151, 162

Trichromacy



Original Color
15, 143, 219

Protanomaly
74, 137, 213

Deuteranomaly
59, 139, 220

Tritanomaly
5, 148, 183

Monochromacy

Original Color
15, 143, 219

Achromatopsia
113, 113, 113

Achromatomaly
77, 124, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 15, 143, 219 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(15, 143, 219) looks like.

```
.text, #text, p{
    color:rgb(15, 143, 219)
}
```

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(15, 143, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 143, 219) }
```

Border

The CSS property to change the border of an element to RGB 15, 143, 219 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(15, 143, 219) }
```

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

```
.border{ border-color:rgb(15, 143, 219) }
```

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

Here you see how a box with a 4 pixel rgb(15, 143, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 143, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 143, 219); box-shadow:4px 4px 4px 4px rgb(15, 143, 219) }
```

Background

The CSS property to change the background color of an element to RGB 15, 143, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(15, 143, 219) }
```

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

```
.background{ background-color:rgb(15, 143,
219) }
```

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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