Converting Colors

RGB(14, 145, 232)

Have a look what the booklet for RGB(14, 145, 232) contains.

Color

RGB(14, 145, 232)

Conversions

Conversions Part 1

Format	Color
Hex	0E91E8
RGB	14, 145, 232
RGB Percent	5%, 57%, 91%
CMY	0.9451, 0.4314, 0.0902
CMYK	0.94, 0.38, 0.00, 0.09
HSL	204°, 89%, 48%
HSV	204°, 94%, 91%
XYZ	24.8720, 26.1704, 80.0844
YIQ	115.7490, -106.0030, -0.7150

Conversions

Conversions Part 2

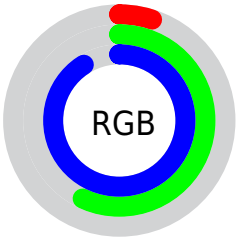
Format	Color
RYB	14, 96, 232
Decimal	954856
CIELab	58.20, -0.01, -52.61
CIELCh	58, 52.606, 269.990
Yxy	26.1704, 0.1897, 0.1996
Android (android.graphics.Color)	4279144936 (0xFF0E91E8)
YUV	115.7490, 57.3117, -89.2339
Hunter-Lab	51.1570, -2.7398, -57.0065

Details

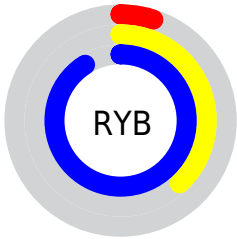
The RGB color 14, 145, 232 is a dark color, and the websafe version is hex 0099FF. The color can be described as dark washed azure. A complement of this color would be 232, 101, 14, and the grayscale version is 115, 115, 115.

A 20% lighter version of the original color is 109, 198, 255, and 0, 95, 176 is the 20% darker color. If you saturate the color by 10%, you get 0, 139, 232, and if you desaturate by 10%, it is 37, 154, 232.

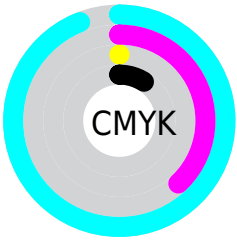
Distribution



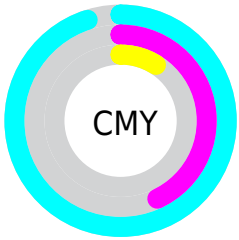
- Red (5%)
- Green (57%)
- Blue (91%)



- Red (5%)
- Yellow (38%)
- Blue (91%)



- Cyan (94%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 14, 145, 232 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 14, 145, 232 by changing the saturation by 10% instead.

14, 145, 232

255, 255, 255

109, 198, 255

141, 226, 255

173, 255, 255

204, 255, 255

235, 255, 255

14, 145, 232

0, 120, 204

0, 95, 176

0, 72, 149

0, 50, 122

0, 31, 97

0, 9, 73

0, 4, 49

0, 1, 27

0, 0, 0

14, 145, 232

0, 139, 232

14, 145, 232

37, 154, 232

60, 164, 232

84, 173, 232

107, 182, 232

130, 191, 232

153, 201, 232

176, 210, 232

200, 219, 232

223, 228, 232

Harmonies

Analogous

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

0, 156, 219

14, 145, 232

141, 128, 220

Triad

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

14, 145, 232

222, 104, 97

52, 159, 92

Complementary

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

14, 145, 232

232, 101, 14

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.

119, 151, 55

14, 145, 232

201, 120, 60

Square

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

14, 145, 232

222, 98, 142

165, 138, 41

0, 162, 138

Rectangle

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

14, 145, 232

181, 115, 200

165, 138, 41

80, 156, 78

Sweetspot

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

14, 145, 232

184, 227, 255

14, 232, 98

84, 110, 128

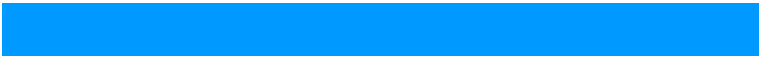
0, 0, 0

128, 128, 128

Same Dimension

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

14, 145, 232



0, 153, 255

14, 39, 232

103, 110, 115

0, 107, 179

0, 31, 51

Inverse Universe

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

232, 14, 145

255, 0, 153

232, 207, 14

115, 103, 110

179, 0, 107

51, 0, 31

Previews

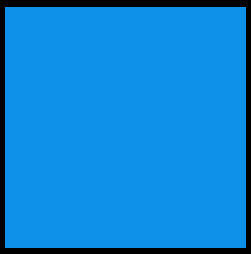
White Background

This preview shows how the RGB color 14, 145, 232 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 14, 145, 232 looks on a black background.

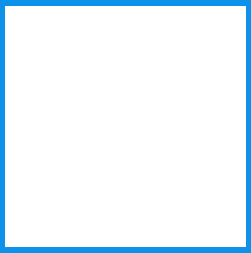
Color Contrast Check

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 14, 145, 232 Background

This preview shows how black text looks on a background with the RGB color 14, 145, 232.



This preview shows how white text looks on a background with the RGB color 14, 145, 232.

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
14, 145, 232

Protanopia
105, 136, 224

Deuteranopia
74, 140, 233

Trichromacy

Original Color
14, 145, 232

Protanomaly
72, 139, 227

Deuteranomaly
52, 142, 233

Monochromacy

Original Color
14, 145, 232

Achromatopsia
116, 116, 116

Achromatomaly
79, 127, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 14, 145, 232 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(14, 145, 232) looks like.

```
.text, #text, p{
    color:rgb(14, 145, 232)
}
```

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(14, 145, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 145, 232) }
```

Border

The CSS property to change the border of an element to RGB 14, 145, 232 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(14, 145, 232) }
```

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

```
.border{ border-color:rgb(14, 145, 232) }
```

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

Here you see how a box with a 4 pixel rgb(14, 145, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(14, 145, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(14, 145, 232); box-shadow:4px 4px 4px 4px rgb(14, 145, 232) }
```

Background

The CSS property to change the background color of an element to RGB 14, 145, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(14, 145, 232) }
```

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

```
.background{ background-color:rgb(14, 145,
232) }
```

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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