Converting Colors

RGB(117, 182, 224)

Have a look what the booklet for RGB(117, 182, 224) contains.

Color

RGB(117, 182, 224)

Conversions

Conversions Part 1

Format	Color
Hex	75B6E0
RGB	117, 182, 224
RGB Percent	46%, 71%, 88%
CMY	0.5412, 0.2863, 0.1216
CMYK	0.48, 0.19, 0.00, 0.12
HSL	204°, 63%, 67%
HSV	204°, 48%, 88%
XYZ	37.5186, 42.6196, 76.7700
YIQ	167.3530, -52.2220, -0.7180

Conversions

Conversions Part 2

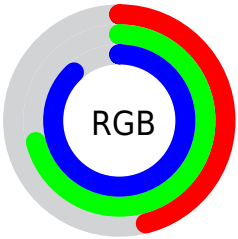
Format	Color
RYB	117, 157, 224
Decimal	7714528
CIELab	71.30, -9.50, -27.50
CIELCh	71, 29.091, 250.949
Yxy	42.6196, 0.2391, 0.2716
Android (android.graphics.Color)	4285904608 (0xFF75B6E0)
YUV	167.3530, 27.9270, -44.1596
Hunter-Lab	65.2837, -11.6624, -24.0231

Details

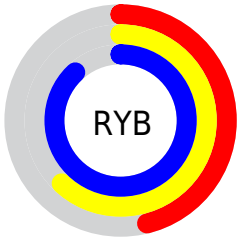
The RGB color 117, 182, 224 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 224, 159, 117, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 174, 238, 255, and 59, 129, 169 is the 20% darker color. If you saturate the color by 10%, you get 95, 173, 224, and if you desaturate by 10%, it is 139, 191, 224.

Distribution

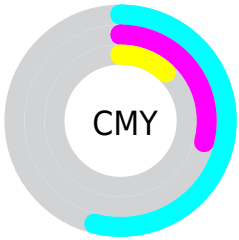


- Red (46%)
- Green (71%)
- Blue (88%)



- Red (46%)
- Yellow (62%)
- Blue (88%)

- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (54%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 182, 224 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 117, 182, 224 by changing the saturation by 10% instead.

117, 182, 224	117, 182, 224
255, 255, 255	89, 155, 196
174, 238, 255	59, 129, 169
203, 255, 255	22, 104, 142
232, 255, 255	0, 80, 116
	0, 57, 92
	0, 36, 68
	0, 12, 46
	0, 1, 24
	0, 0, 0

117, 182, 224	117, 182, 224
95, 173, 224	139, 191, 224
72, 164, 224	162, 200, 224
50, 156, 224	184, 208, 224
27, 147, 224	207, 217, 224
5, 138, 224	229, 226, 224
0, 136, 224	251, 235, 224
	255, 244, 224
	255, 252, 224
	255, 255, 224

Harmonies

Analogous

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

93, 187, 208

117, 182, 224

155, 174, 226

Triad

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

117, 182, 224

228, 155, 166

154, 183, 134

Complementary

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

117, 182, 224

224, 159, 117

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.

184, 176, 122

117, 182, 224

224, 159, 141

Square

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

117, 182, 224

216, 157, 193

208, 167, 125

124, 188, 156

Rectangle

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

117, 182, 224

180, 167, 220

208, 167, 125

164, 181, 129

Sweetspot

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

117, 182, 224

219, 241, 255

117, 224, 158

106, 119, 128

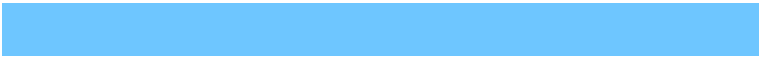
0, 0, 0

128, 128, 128

Same Dimension

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

117, 182, 224



110, 198, 255

117, 129, 224

101, 108, 112

0, 107, 176

0, 29, 48

Inverse Universe

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

224, 117, 182

255, 110, 198

224, 212, 117

112, 101, 108

176, 0, 107

48, 0, 29

Previews

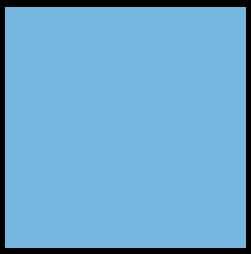
White Background

This preview shows how the RGB color 117, 182, 224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
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 117, 182, 224 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 ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 117, 182, 224 Background

This preview shows how black text looks on a background with the RGB color 117, 182, 224.

This preview shows how white text looks on a background with the RGB color 117, 182, 224.

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

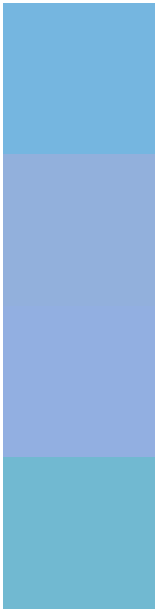
Original Color
117, 182, 224

Protanopia
163, 172, 217

Deuteranopia
162, 171, 226

Tritanopia
110, 186, 201

Trichromacy



Original Color
117, 182, 224

Protanomaly
146, 176, 220

Deuteranomaly
146, 175, 225

Tritanomaly
113, 185, 209

Monochromacy

Original Color
117, 182, 224

Achromatopsia
167, 167, 167

Achromatomaly
149, 172, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 182, 224 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(117, 182, 224) looks like.

```
.text, #text, p{
    color:rgb(117, 182, 224)
}
```

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(117, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 182, 224) }
```

Border

The CSS property to change the border of an element to RGB 117, 182, 224 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(117, 182, 224) }
```

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

```
.border{ border-color:rgb(117, 182, 224) }
```

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

Here you see how a box with a 4 pixel rgb(117, 182, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 182, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 182, 224); box-shadow:4px 4px 4px 4px rgb(117, 182, 224) }
```

Background

The CSS property to change the background color of an element to RGB 117, 182, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(117, 182, 224) }
```

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

```
.background{ background-color:rgb(117,
182, 224) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor