Converting Colors

RYB(110, 192, 192)

Have a look what the booklet for RYB(110, 192, 192) contains.

Color

RYB(110, 192, 192)

Conversions

Conversions Part 1

Format	Color
Hex	6EC06E
RGB	110, 192, 110
RGB Percent	43%, 75%, 43%
CMY	0.5686, 0.2471, 0.5686
CMYK	0.43, 0.00, 0.43, 0.25
HSL	120°, 39%, 59%
HSV	120°, 43%, 75%
XYZ	28.0945, 42.1401, 21.4050
YIQ	158.1340, -22.5500, -42.8860

Conversions

Conversions Part 2

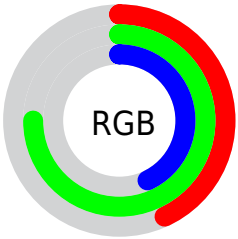
Format	Color
RYB	110, 192, 192
Decimal	7258222
CIELab	70.97, -41.79, 33.65
CIELCh	71, 53.657, 141.158
Yxy	42.1401, 0.3066, 0.4598
Android (android.graphics.Color)	4285448302 (0xFF6EC06E)
YUV	158.1340, -23.7301, -42.2135
Hunter-Lab	64.9154, -36.3495, 25.8907

Details

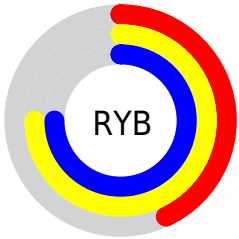
The RYB color 110, 192, 192 is a dark color, and the websafe version is hex 66CC66. A complement of this color would be 192, 110, 192, and the grayscale version is 158, 158, 158.

A 20% lighter version of the original color is 163, 249, 247, and 55, 133, 138 is the 20% darker color. If you saturate the color by 10%, you get 91, 192, 192, and if you desaturate by 10%, it is 129, 192, 192.

Distribution

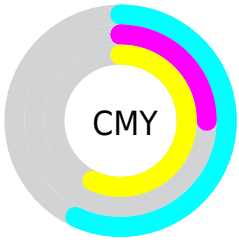


- Red (43%)
- Green (75%)
- Blue (43%)



- Red (43%)
- Yellow (75%)
- Blue (75%)

- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 192, 192 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 RYB color 110, 192, 192 by changing the saturation by 10% instead.

110, 192, 192

255, 255, 255

163, 249, 247

190, 255, 251

218, 255, 250

247, 255, 250

110, 192, 192

83, 163, 165

55, 133, 138

22, 99, 112

0, 77, 87

0, 62, 62

0, 41, 41

0, 7, 7

0, 0, 0

110, 192, 192

110, 192, 192

91, 192, 192

72, 192, 192

52, 192, 192

33, 192, 192

14, 192, 192

0, 192, 192

129, 192, 192

148, 192, 192

168, 192, 192

187, 192, 192

206, 192, 206

225, 192, 225

244, 192, 244

255, 192, 255

Harmonies

Analogous

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

78, 182, 92

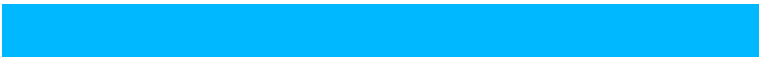
110, 192, 192

0, 110, 197

Triad

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

110, 192, 192



0, 107, 255

255, 134, 141

Complementary

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

110, 192, 192

192, 110, 192

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.

255, 133, 190

110, 192, 192

153, 165, 255

Square

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

110, 192, 192

0, 109, 249

220, 147, 236

249, 172, 99

Rectangle

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

110, 192, 192

0, 101, 198

220, 147, 236

255, 132, 157

Sweetspot

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

110, 192, 192

217, 250, 250

110, 192, 110

105, 125, 125

252, 252, 252

125, 125, 125

Same Dimension

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

110, 192, 192

122, 250, 250

110, 165, 192

87, 97, 97

0, 161, 161

0, 33, 33

Inverse Universe

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

192, 110, 192

250, 122, 250

192, 110, 151

97, 87, 97

161, 0, 161

33, 0, 33

Previews

White Background

This preview shows how the RYB color 110, 192, 192 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 RYB color 110, 192, 192 looks on a black background.

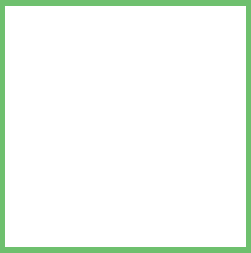
Color Contrast Check

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.

RYB 110, 192, 192 Background

This preview shows how black text looks on a background with the RYB color 110, 192, 192.

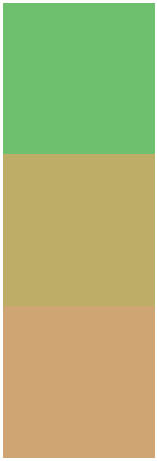


This preview shows how white text looks on a background with the RYB color 110, 192, 192.

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
110, 192, 192

Protanopia
123, 189, 103

Deuteranopia
194, 207, 116

Tritanopia
127, 158, 197

Trichromacy

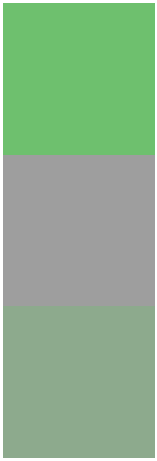
Original Color
110, 192, 192

Protanomaly
106, 180, 126

Deuteranomaly
114, 175, 117

Tritanomaly
121, 160, 186

Monochromacy



Original Color
110, 192, 192

Achromatopsia
158, 158, 158

Achromatomaly
141, 170, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 192, 192 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(110, 192, 110) looks like.

```
.text, #text, p{
    color:rgb(110, 192, 110)
}
```

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(110, 192, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 192, 110) }
```

Border

The CSS property to change the border of an element to RYB 110, 192, 192 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(110, 192, 110) }
```

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

```
.border{ border-color:rgb(110, 192, 110) }
```

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

Here you see how a box with a 4 pixel rgb(110, 192, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 192, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 192, 110); box-shadow:4px 4px 4px 4px rgb(110, 192, 110) }
```

Background

The CSS property to change the background color of an element to RYB 110, 192, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(110, 192, 110) }
```

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

```
.background{ background-color:rgb(110,
192, 110) }
```

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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