

Converting Colors

`RYB(115, 192, 216)`

Have a look what the booklet for
RYB(115, 192, 216) contains.

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Color

$\text{RYB}(115, 192, 216)$

Conversions

Conversions Part 1

Format	Color
Hex	73D892
RGB	115, 216, 146
RGB Percent	45%, 85%, 57%
CMY	0.5490, 0.1529, 0.4256
CMYK	0.47, 0.00, 0.32, 0.15
HSL	139°, 56%, 65%
HSV	139°, 47%, 85%
XYZ	36.8519, 54.8469, 36.0347
YIQ	177.8210, -37.7260, -43.1820

Conversions

Conversions Part 2

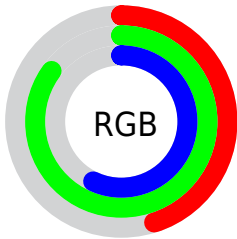
Format	Color
RYB	115, 192, 216
Decimal	7592082
CIELab	78.95, -44.69, 25.37
CIElCh	79, 51.386, 150.413
Yxy	54.8469, 0.2885, 0.4294
Android (android.graphics.Color)	4285782162 (0xFF73D892)
YUV	177.8210, -15.6878, -55.0940
Hunter-Lab	74.0587, -40.7804, 22.9923

Details

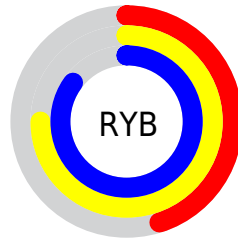
The RYB color **115, 192, 216** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **216, 115, 185**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **172, 234, 255**, and **57, 132, 160** is the 20% darker color. If you saturate the color by 10%, you get **93, 186, 216**, and if you desaturate by 10%, it is **137, 198, 216**.

Distribution



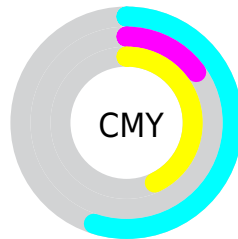
- Red (45%)
- Green (85%)
- Blue (57%)



- Red (45%)
- Yellow (75%)
- Blue (85%)



- Cyan (47%)
- Magenta (0%)
- Yellow (32%)
- Black (15%)



- Cyan (55%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 115, 192, 216 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 115, 192, 216 by changing the saturation by 10% instead.

 115, 192, 216


255, 255, 255


 172, 234, 255


 201, 237, 255

 230, 243, 255

 115, 192, 216

 87, 163, 188

 57, 132, 160

 20, 99, 134

 0, 75, 108


 0, 64, 83

 0, 57, 58

 0, 37, 37

 0, 0, 0

 115, 192, 216

 115, 192, 216

■ 93, 186, 216

■ 137, 198, 216

■ 72, 182, 216

■ 158, 202, 216

■ 50, 176, 216

■ 180, 208, 216

■ 29, 172, 216

■ 201, 212, 216

■ 7, 166, 216

■ 223, 216, 221

■ 0, 165, 216

■ 245, 216, 236

■ 255, 216, 251

■ 255, 216, 255

Harmonies

Analogous

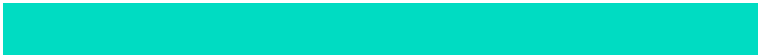
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



110, 207, 142



115, 192, 216



0, 117, 220

Triad

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



115, 192, 216



116, 168, 255



255, 162, 150

Complementary

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



115, 192, 216



216, 115, 185

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, 156, 197



115, 192, 216



200, 183, 255

Square

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



115, 192, 216



0, 116, 255



255, 165, 243



255, 226, 113

Rectangle

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



115, 192, 216



0, 112, 227



255, 165, 243



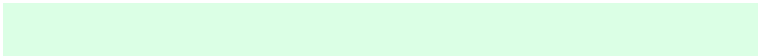
255, 158, 165

Sweetspot

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



115, 192, 216



219, 247, 255



115, 216, 145



106, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



115, 192, 216



112, 221, 255



115, 171, 216



96, 104, 107



0, 131, 171



0, 32, 43

Inverse Universe

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



216, 115, 185



255, 112, 210



216, 115, 135



107, 96, 104



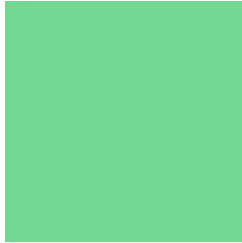
171, 0, 118



43, 0, 30

Previews

White Background



This preview shows how the RYB color 115, 192, 216 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 115, 192, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

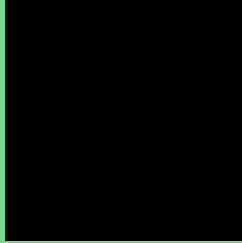
Any Text WCAG AA ✓ Pass

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 115, 192, 216 Background



This preview shows how black text looks on a background with the RYB color 115, 192, 216.

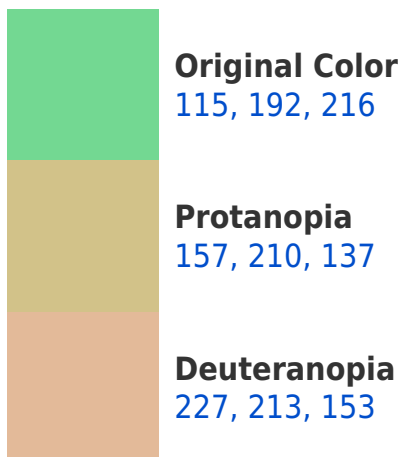


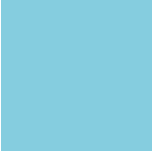
This preview shows how white text looks on a background with the RYB color 115, 192, 216.

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
133, 173, 223

Trichromacy



Original Color

115, 192, 216



Protanomaly

140, 202, 167



Deuteranomaly

151, 197, 162



Tritanomaly

126, 172, 210

Monochromacy



Original Color

115, 192, 216



Achromatopsia

178, 178, 178



Achromatomaly

155, 183, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 115, 192, 216 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(115, 216, 146)` looks like.

```
.text, #text, p{  
    color:rgb(115, 216, 146)  
}
```

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(115, 216, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 216, 146) }
```

Border

The CSS property to change the border of an element to RYB 115, 192, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

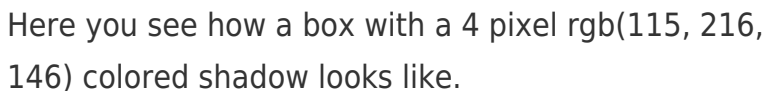
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 216, 146) }
```

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

```
.border{ border-color:rgb(115, 216, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 216, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 216, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 216, 146);  
box-shadow:4px 4px 4px 4px rgb(115, 216,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 115, 192, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 216, 146) }
```

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

```
.background{ background-color: rgb(115,  
216, 146) }
```

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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