

Converting Colors

`RYB(99, 143, 192)`

Have a look what the booklet for RYB(99, 143, 192) contains.

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Color

`RYB(99, 143, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	63B7C0
RGB	99, 183, 192
RGB Percent	39%, 72%, 75%
CMY	0.6118, 0.2843, 0.2471
CMYK	0.48, 0.05, 0.00, 0.25
HSL	186°, 42%, 57%
HSV	186°, 48%, 75%
XYZ	31.4926, 40.1237, 55.9540
YIQ	158.9100, -52.9530, -15.0090

Conversions

Conversions Part 2

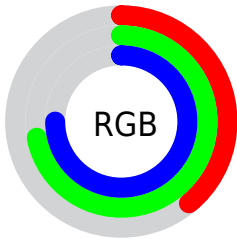
Format	Color
RYB	99, 143, 192
Decimal	6535104
CIELab	69.56, -22.80, -12.68
CIElCh	70, 26.086, 209.093
Yxy	40.1237, 0.2469, 0.3145
Android (android.graphics.Color)	4284725184 (0xFF63B7C0)
YUV	158.9100, 16.3134, -52.5411
Hunter-Lab	63.3433, -22.1051, -8.0333

Details

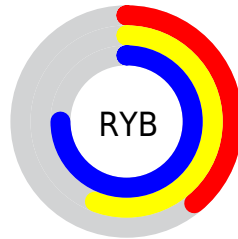
The RYB color **99, 143, 192** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **192, 109, 99**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **156, 200, 248**, and **38, 86, 139** is the 20% darker color. If you saturate the color by 10%, you get **80, 133, 192**, and if you desaturate by 10%, it is **118, 153, 192**.

Distribution



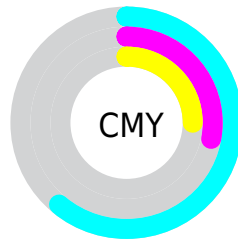
- Red (39%)
- Green (72%)
- Blue (75%)



- Red (39%)
- Yellow (56%)
- Blue (75%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)




- Cyan (61%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 99, 143, 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 99, 143, 192 by changing the saturation by 10% instead.

 99, 143, 192


255, 255, 255


 156, 200, 248

 184, 220, 255

 213, 234, 255

 243, 249, 255

 99, 143, 192

 70, 115, 165


 38, 86, 139


 0, 54, 113


 0, 42, 89


 0, 30, 65

 0, 19, 43

 0, 1, 23

 0, 0, 0

 99, 143, 192

 99, 143, 192

■ 80, 133, 192

■ 118, 153, 192

■ 61, 123, 192

■ 137, 163, 192

■ 41, 113, 192

■ 157, 173, 192

■ 22, 103, 192

■ 176, 183, 192

■ 3, 92, 192

■ 195, 192, 192

■ 0, 91, 192

■ 214, 194, 192

■ 233, 196, 192

■ 253, 199, 192

■ 255, 201, 192

Harmonies

Analogous

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



111, 151, 183



99, 143, 192



110, 151, 210

Triad

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



99, 143, 192



200, 157, 195



152, 188, 123

Complementary

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



99, 143, 192



192, 109, 99

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.



207, 179, 130



99, 143, 192



215, 153, 172

Square

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



99, 143, 192



173, 164, 211



217, 155, 148



128, 175, 140

Rectangle

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



99, 143, 192



129, 159, 216



217, 155, 148



176, 195, 124

Sweetspot

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



99, 143, 192



212, 230, 250



99, 184, 192



102, 113, 125



252, 252, 252



125, 125, 125

Same Dimension

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



99, 143, 192



105, 174, 250



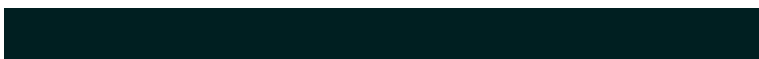
99, 125, 192



87, 92, 97



0, 76, 161



0, 16, 33

Inverse Universe

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



192, 99, 183



250, 105, 235



160, 192, 99



97, 87, 96



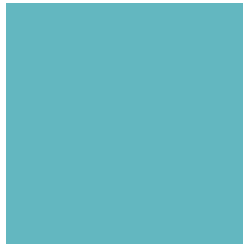
161, 0, 144



33, 0, 30

Previews

White Background



This preview shows how the RYB color 99, 143, 192 looks on a white background.

Color Contrast Check

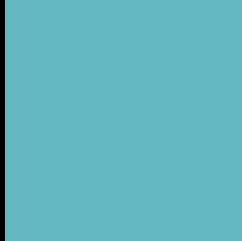
Large Text (above 18pt) WCAG AA × Fail

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 99, 143, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

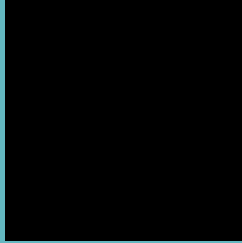
Any Text WCAG AA ✓ Pass

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](#).

R Y B 99, 143, 192 Background



This preview shows how black text looks on a background with the RYB color 99, 143, 192.

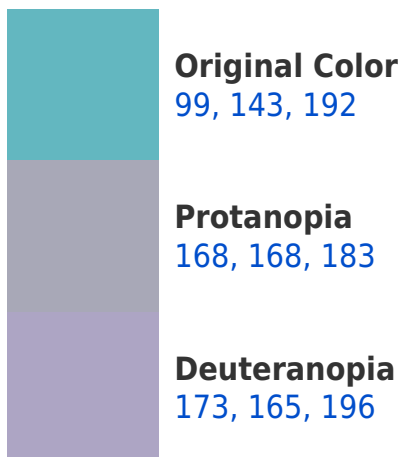


This preview shows how white text looks on a background with the RYB color 99, 143, 192.

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





Tritanopia
100, 144, 196

Trichromacy



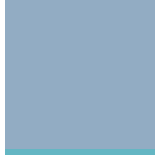
Original Color

99, 143, 192



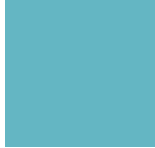
Protanomaly

143, 161, 186



Deuteranomaly

146, 163, 195



Tritanomaly

100, 144, 195

Monochromacy



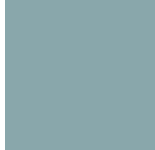
Original Color

99, 143, 192



Achromatopsia

159, 159, 159



Achromatomaly

137, 153, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 99, 143, 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(99, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(99, 183, 192)  
}
```

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(99, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 183, 192) }
```

Border

The CSS property to change the border of an element to RYB 99, 143, 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(99, 183, 192) }
```

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

```
.border{ border-color:rgb(99, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(99, 183,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 99, 183, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 183, 192) }
```

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

```
.background{ background-color: rgb(99, 183,  
192) }
```

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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