

Converting Colors

`RYB(93, 150, 192)`

Have a look what the booklet for RYB(93, 150, 192) contains.

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Color

RYB(93, 150, 192)

Conversions

Conversions Part 1

Format	Color
Hex	5DC0A6
RGB	93, 192, 166
RGB Percent	36%, 75%, 65%
CMY	0.6353, 0.2471, 0.3492
CMYK	0.52, 0.00, 0.14, 0.25
HSL	164°, 44%, 56%
HSV	164°, 52%, 75%
XYZ	30.2419, 42.7777, 42.7141
YIQ	159.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

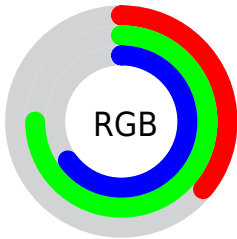
Format	Color
RYB	93, 150, 192
Decimal	6144166
CIELab	71.40, -35.40, 4.29
CIELCh	71, 35.654, 173.093
Yxy	42.7777, 0.2613, 0.3696
Android (android.graphics.Color)	4284334246 (0xFF5DC0A6)
YUV	159.4350, 3.2365, -58.2635
Hunter-Lab	65.4046, -31.9229, 7.0625

Details

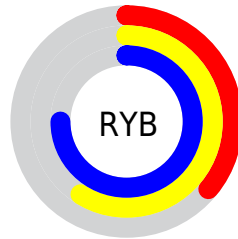
The RYB color **93, 150, 192** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **192, 93, 119**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **150, 208, 249**, and **29, 90, 138** is the 20% darker color. If you saturate the color by 10%, you get **74, 142, 192**, and if you desaturate by 10%, it is **112, 158, 192**.

Distribution



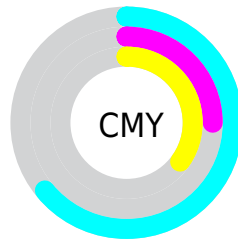
- Red (36%)
- Green (75%)
- Blue (65%)



- Red (36%)
- Yellow (59%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 93, 150, 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 93, 150, 192 by changing the saturation by 10% instead.



93, 150, 192



93, 150, 192

255, 255, 255



64, 122, 165



150, 208, 249



29, 90, 138



178, 218, 255



0, 62, 112



207, 231, 255



0, 49, 87



237, 246, 255



0, 37, 63



0, 26, 41



0, 10, 10



0, 0, 0



93, 150, 192



93, 150, 192

■ 74, 142, 192

■ 112, 158, 192

■ 55, 134, 192

■ 131, 166, 192

■ 35, 125, 192

■ 151, 175, 192

■ 16, 117, 192

■ 170, 183, 192

■ 0, 111, 192

■ 189, 191, 192

■ 208, 192, 196

■ 227, 192, 201

■ 247, 192, 206

■ 255, 192, 211

Harmonies

Analogous

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



133, 186, 188



93, 150, 192



58, 127, 199

Triad

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



93, 150, 192



168, 169, 235



228, 177, 124

Complementary

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



93, 150, 192



192, 93, 119

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.



239, 151, 151



93, 150, 192



209, 158, 214

Square

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



93, 150, 192



117, 159, 239



233, 151, 184



163, 204, 110

Rectangle

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



93, 150, 192



57, 130, 218



233, 151, 184



233, 163, 132

Sweetspot

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



93, 150, 192



212, 234, 250



93, 192, 166



102, 115, 125



252, 252, 252



125, 125, 125

Same Dimension

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



93, 150, 192



95, 184, 250



93, 136, 192



87, 93, 97



0, 93, 161



0, 19, 33

Inverse Universe

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



192, 93, 119



250, 95, 136



192, 123, 93



97, 87, 90



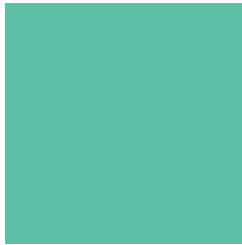
161, 0, 42



33, 0, 9

Previews

White Background



This preview shows how the RYB color 93, 150, 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 93, 150, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

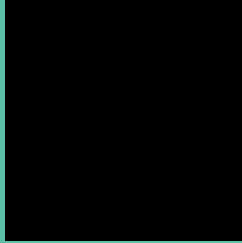
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

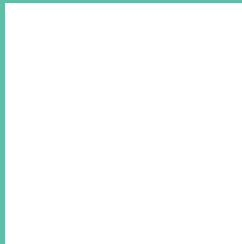
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 93, 150, 192 Background



This preview shows how black text looks on a background with the R Y B color 93, 150, 192.

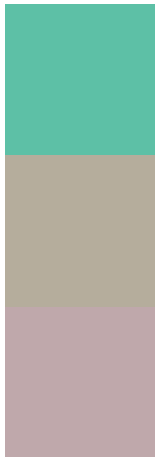


This preview shows how white text looks on a background with the R Y B color 93, 150, 192.

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
93, 150, 192

Protanopia
168, 181, 156

Deuteranopia
191, 168, 171



Tritanopia
104, 149, 202

Trichromacy



Original Color

93, 150, 192



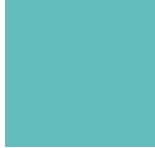
Protanomaly

149, 172, 180



Deuteranomaly

155, 168, 177



Tritanomaly

100, 145, 189

Monochromacy



Original Color

93, 150, 192



Achromatopsia

159, 159, 159



Achromatomaly

135, 156, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 93, 150, 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(93, 192, 166)` looks like.

```
.text, #text, p{  
    color:rgb(93, 192, 166)  
}
```

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(93, 192, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 192, 166) }
```

Border

The CSS property to change the border of an element to RYB 93, 150, 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(93, 192, 166) }
```

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

```
.border{ border-color:rgb(93, 192, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 192, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 192, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 192, 166);  
box-shadow:4px 4px 4px 4px rgb(93, 192,  
166) }
```

Background

The CSS property to change the background color of an element to RGB 93, 150, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 192, 166) }
```

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

```
.background{ background-color: rgb(93, 192,  
166) }
```

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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