

Converting Colors

`RYB(92, 152, 194)`

Have a look what the booklet for
RYB(92, 152, 194) contains.

RYB(92, 152, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(92, 152, 194)

Conversions

Conversions Part 1

Format	Color
Hex	5CC2A3
RGB	92, 194, 163
RGB Percent	36%, 76%, 64%
CMY	0.6392, 0.2392, 0.3592
CMYK	0.53, 0.00, 0.16, 0.24
HSL	162°, 46%, 56%
HSV	162°, 53%, 76%
XYZ	30.3522, 43.5176, 41.6385
YIQ	159.9680, -50.8410, -31.2650

Conversions

Conversions Part 2

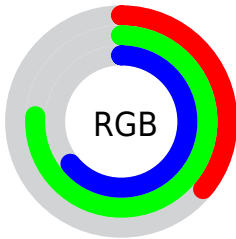
Format	Color
RYB	92, 152, 194
Decimal	6079139
CIELab	71.90, -37.14, 6.39
CIELCh	72, 37.687, 170.237
Yxy	43.5176, 0.2628, 0.3767
Android (android.graphics.Color)	4284269219 (0xFF5CC2A3)
YUV	159.9680, 1.4948, -59.6079
Hunter-Lab	65.9679, -33.3149, 8.7540

Details

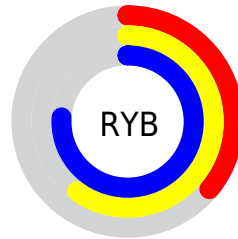
The RYB color **92, 152, 194** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **194, 92, 123**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **149, 210, 251**, and **27, 92, 140** is the 20% darker color. If you saturate the color by 10%, you get **73, 144, 194**, and if you desaturate by 10%, it is **111, 160, 194**.

Distribution



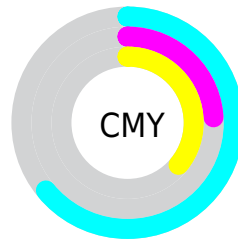
- Red (36%)
- Green (76%)
- Blue (64%)



- Red (36%)
- Yellow (60%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)





- Cyan (64%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 92, 152, 194 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 92, 152, 194 by changing the saturation by 10% instead.

 92, 152, 194

 92, 152, 194


255, 255, 255

 62, 122, 166

 149, 210, 251

 27, 91, 140

 178, 219, 255

 0, 65, 114

 207, 231, 255

 0, 52, 89


 236, 246, 255


 0, 39, 64


 0, 28, 42


 0, 13, 13


 0, 0, 0


 92, 152, 194


 92, 152, 194


 73, 144, 194


 111, 160, 194


 53, 136, 194

 131, 168, 194


 34, 128, 194

 150, 176, 194


 14, 120, 194

 170, 184, 194

 0, 114, 194

 189, 192, 194

 208, 194, 198

 228, 194, 204

 247, 194, 210

 255, 194, 216

Harmonies

Analogous

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



131, 190, 185



92, 152, 194



46, 121, 199

Triad

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



92, 152, 194



164, 170, 241



234, 174, 125

Complementary

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



92, 152, 194



194, 92, 123

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.



244, 151, 154



92, 152, 194



209, 159, 221

Square

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



92, 152, 194



108, 156, 243



236, 151, 189



172, 209, 108

Rectangle

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



92, 152, 194



38, 122, 220



236, 151, 189



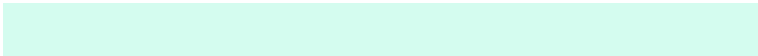
239, 161, 133

Sweetspot

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



92, 152, 194



212, 236, 252



92, 194, 163



103, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 152, 194



93, 186, 252



92, 137, 194



87, 93, 97



0, 95, 161



0, 19, 33

Inverse Universe

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



194, 92, 123



252, 93, 141



194, 117, 92



97, 87, 90



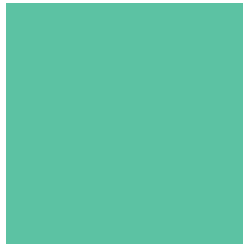
161, 0, 48



33, 0, 10

Previews

White Background



This preview shows how the RYB color 92, 152, 194 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 92, 152, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

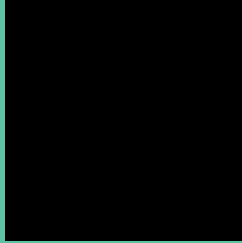
Any Text WCAG AA ✓ Pass

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 92, 152, 194 Background



This preview shows how black text looks on a background with the RYB color 92, 152, 194.

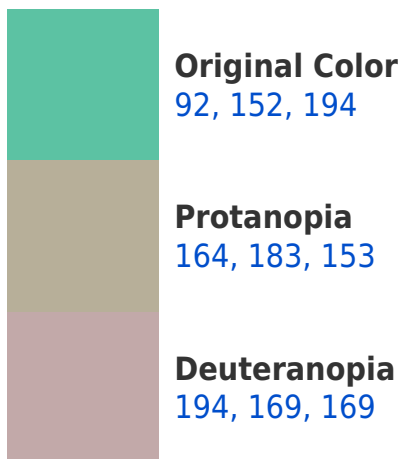


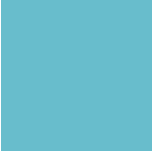
This preview shows how white text looks on a background with the RYB color 92, 152, 194.

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
104, 150, 204

Trichromacy



Original Color
92, 152, 194



Protanomaly
150, 176, 182



Deuteranomaly
157, 171, 178



Tritanomaly
100, 145, 190

Monochromacy



Original Color
92, 152, 194



Achromatopsia
160, 160, 160



Achromatomaly
135, 157, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 152, 194 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(92, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(92, 194, 163)  
}
```

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(92, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 194, 163) }
```

Border

The CSS property to change the border of an element to RYB 92, 152, 194 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(92, 194, 163) }
```

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

```
.border{ border-color:rgb(92, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(92, 194,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 92, 152, 194 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 194, 163) }
```

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

```
.background{ background-color: rgb(92, 194,  
163) }
```

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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