

Converting Colors

`RYB(92, 151, 208)`

Have a look what the booklet for
RYB(92, 151, 208) contains.

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Color

`RYB(92, 151, 208)`

Conversions

Conversions Part 1

Format	Color
Hex	5CD0CC
RGB	92, 208, 204
RGB Percent	36%, 82%, 80%
CMY	0.6392, 0.1843, 0.1997
CMYK	0.56, 0.00, 0.02, 0.18
HSL	178°, 55%, 59%
HSV	178°, 56%, 82%
XYZ	37.8767, 51.7499, 65.1618
YIQ	172.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

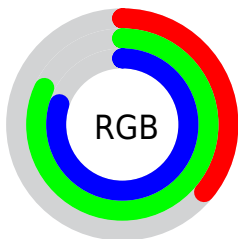
Format	Color
RYB	92, 151, 208
Decimal	6082764
CIELab	77.13, -33.48, -7.97
CIELCh	77, 34.419, 193.390
Yxy	51.7499, 0.2447, 0.3343
Android (android.graphics.Color)	4284272844 (0xFF5CD0CC)
YUV	172.8600, 15.3520, -70.9142
Hunter-Lab	71.9374, -31.9061, -3.3494

Details

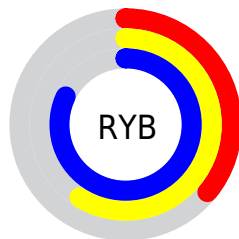
The RYB color **92, 151, 208** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **208, 92, 96**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **152, 204, 255**, and **8, 81, 153** is the 20% darker color. If you saturate the color by 10%, you get **71, 141, 208**, and if you desaturate by 10%, it is **113, 161, 208**.

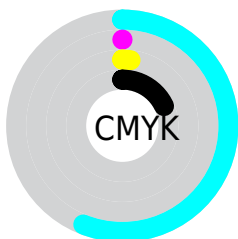
Distribution



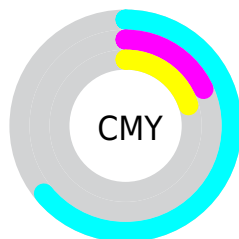
- Red (36%)
- Green (82%)
- Blue (80%)



- Red (36%)
- Yellow (59%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



















- Cyan (64%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 151, 208 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, 151, 208 by changing the saturation by 10% instead.

 92, 151, 208	 92, 151, 208
 255, 255, 255	 59, 120, 180
 152, 204, 255	 8, 81, 153
 182, 219, 255	 0, 64, 127
 211, 233, 255	 0, 51, 101
 242, 249, 255	 0, 39, 77
	 0, 27, 53
	 0, 17, 33
	 0, 0, 7
	 0, 0, 0

■ 92, 151, 208

■ 92, 151, 208

■ 71, 141, 208

■ 113, 161, 208

■ 50, 130, 208

■ 134, 172, 208

■ 30, 121, 208

■ 154, 182, 208

■ 9, 110, 208

■ 175, 192, 208

■ 0, 106, 208

■ 196, 202, 208

■ 217, 208, 208

■ 238, 208, 209

■ 255, 208, 210

Harmonies

Analogous

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



125, 178, 207



92, 151, 208



87, 152, 233

Triad

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



92, 151, 208



213, 177, 237



217, 228, 130

Complementary

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



92, 151, 208



208, 92, 96

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.



248, 180, 148



92, 151, 208



242, 169, 210

Square

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



92, 151, 208



170, 185, 252



254, 167, 177



133, 198, 128

Rectangle

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



92, 151, 208



107, 163, 247



254, 167, 177



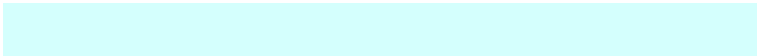
236, 215, 134

Sweetspot

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



92, 151, 208



212, 234, 255



92, 208, 202



102, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 151, 208



84, 171, 255



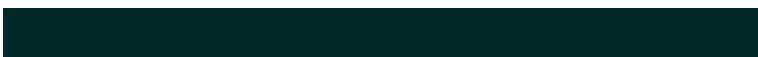
92, 133, 208



94, 100, 105



0, 85, 168



0, 21, 41

Inverse Universe

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



208, 92, 96



255, 84, 90



208, 186, 92



105, 94, 94



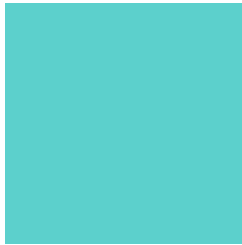
168, 0, 6



41, 0, 1

Previews

White Background



This preview shows how the RYB color 92, 151, 208 looks on a white background.

Color Contrast Check

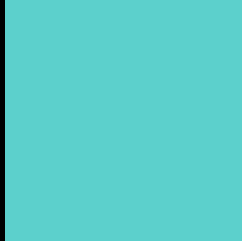
Large Text (above 18pt) WCAG AA × Fail

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, 151, 208 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

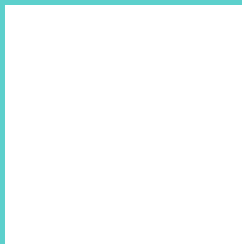
Any Text WCAG AAA ✓ Pass

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

RGB 92, 151, 208 Background



This preview shows how black text looks on a background with the RGB color 92, 151, 208.



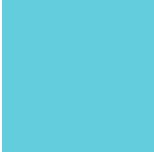
This preview shows how white text looks on a background with the RGB color 92, 151, 208.

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
99, 156, 222

Trichromacy



Original Color
92, 151, 208



Protanomaly
156, 176, 196



Deuteranomaly
159, 179, 207

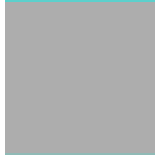


Tritanomaly
96, 153, 215

Monochromacy



Original Color
92, 151, 208



Achromatopsia
173, 173, 173



Achromatomaly
144, 166, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 151, 208 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, 208, 204)` looks like.

```
.text, #text, p{  
    color:rgb(92, 208, 204)  
}
```

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, 208, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 208, 204) }
```

Border

The CSS property to change the border of an element to RYB 92, 151, 208 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, 208, 204) }
```

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

```
.border{ border-color:rgb(92, 208, 204) }
```

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

Here you see how a box with a 4 pixel rgb(92, 208, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 208, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 208, 204);  
box-shadow:4px 4px 4px 4px rgb(92, 208,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 92, 151, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 208, 204) }
```

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

```
.background{ background-color: rgb(92, 208,  
204) }
```

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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