

Converting Colors

`RYB(92, 141, 190)`

Have a look what the booklet for
RYB(92, 141, 190) contains.

RYB(92, 141, 190)	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

R_YB(92, 141, 190)

Conversions

Conversions Part 1

Format	Color
Hex	5CBEBE
RGB	92, 190, 190
RGB Percent	36%, 75%, 75%
CMY	0.6392, 0.2549, 0.2549
CMYK	0.52, 0.00, 0.00, 0.25
HSL	180°, 43%, 55%
HSV	180°, 52%, 75%
XYZ	32.1214, 42.8199, 55.2873
YIQ	160.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

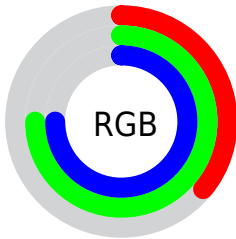
Format	Color
RYB	92, 141, 190
Decimal	6078142
CIELab	71.43, -28.59, -8.81
CIELCh	71, 29.917, 197.131
Yxy	42.8199, 0.2467, 0.3288
Android (android.graphics.Color)	4284268222 (0xFF5CBEBE)
YUV	160.6980, 14.4459, -60.2481
Hunter-Lab	65.4369, -26.8935, -4.2879

Details

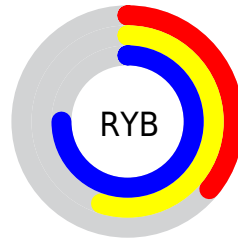
The RYB color **92, 141, 190** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **190, 92, 92**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **150, 199, 247**, and **23, 80, 137** is the 20% darker color. If you saturate the color by 10%, you get **73, 132, 190**, and if you desaturate by 10%, it is **111, 151, 190**.

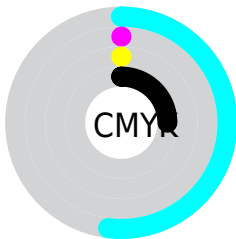
Distribution



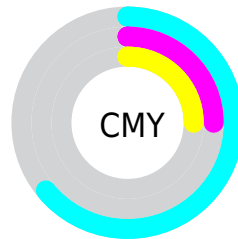
- Red (36%)
- Green (75%)
- Blue (75%)



- Red (36%)
- Yellow (55%)
- Blue (75%)



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




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

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 141, 190 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, 141, 190 by changing the saturation by 10% instead.

 92, 141, 190


255, 255, 255


 150, 199, 247

 179, 217, 255

 208, 232, 255

 238, 247, 255

 92, 141, 190

 62, 113, 163


 23, 80, 137

 0, 55, 111


 0, 43, 87


 0, 31, 64

 0, 20, 42

 0, 7, 22

 0, 0, 0

 92, 141, 190

 92, 141, 190

■ 73, 132, 190

■ 111, 151, 190

■ 54, 122, 190

■ 130, 160, 190

■ 35, 113, 190

■ 149, 170, 190

■ 16, 103, 190

■ 168, 179, 190

■ 0, 95, 190

■ 187, 189, 190

■ 206, 190, 190

■ 225, 190, 190

■ 244, 190, 190

■ 255, 190, 190

Harmonies

Analogous

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



116, 161, 189



92, 141, 190



93, 146, 214

Triad

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



92, 141, 190



198, 163, 212



186, 205, 122

Complementary

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



92, 141, 190



190, 92, 92

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.



223, 169, 136



92, 141, 190



221, 156, 188

Square

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



92, 141, 190



163, 171, 227



230, 155, 160



122, 178, 122

Rectangle

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



92, 141, 190



111, 155, 224



230, 155, 160



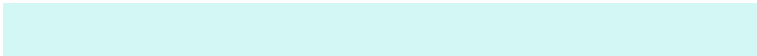
212, 203, 125

Sweetspot

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



92, 141, 190



210, 229, 247



92, 190, 190



102, 114, 125



252, 252, 252



125, 125, 125

Same Dimension

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



92, 141, 190



94, 171, 247



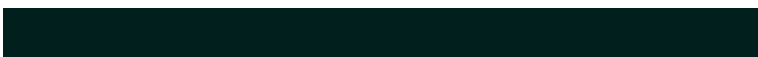
92, 125, 190



85, 90, 94



0, 79, 158



0, 16, 31

Inverse Universe

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



190, 92, 190



247, 94, 247



190, 190, 92



94, 85, 94



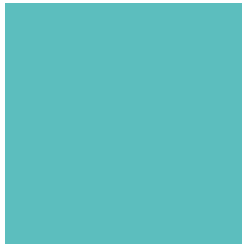
158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RYB color 92, 141, 190 looks on a white background.

Color Contrast Check

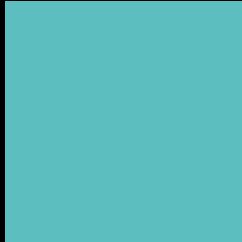
Large Text (above 18pt) WCAG AA × Fail

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, 141, 190 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_YB 92, 141, 190 Background



This preview shows how black text looks on a background with the R_YB color 92, 141, 190.

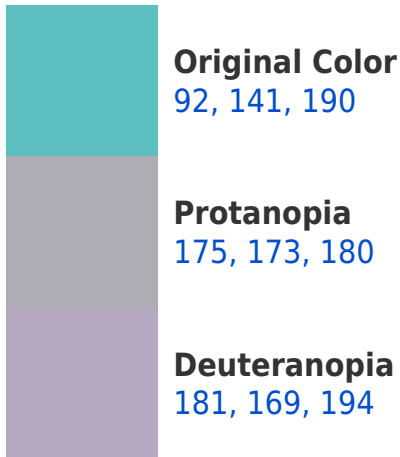


This preview shows how white text looks on a background with the R_YB color 92, 141, 190.

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
97, 146, 203

Trichromacy



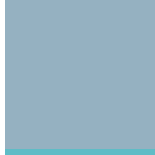
Original Color

92, 141, 190



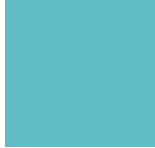
Protanomaly

145, 163, 184



Deuteranomaly

149, 166, 193



Tritanomaly

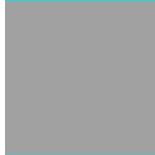
95, 144, 198

Monochromacy



Original Color

92, 141, 190



Achromatopsia

161, 161, 161



Achromatomaly

136, 154, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 141, 190 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, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(92, 190, 190)  
}
```

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, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 190, 190) }
```

Border

The CSS property to change the border of an element to RYB 92, 141, 190 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, 190, 190) }
```

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

```
.border{ border-color:rgb(92, 190, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 190, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(92, 190,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 92, 141, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 190, 190) }
```

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

```
.background{ background-color: rgb(92, 190,  
190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor