

Converting Colors

RGB(92, 219, 190)

Have a look what the booklet for
RGB(92, 219, 190) contains.

RGB(92, 219, 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

RGB(92, 219, 190)

Conversions

Conversions Part 1

Format	Color
Hex	5CDBBE
RGB	92, 219, 190
RGB Percent	36%, 86%, 75%
CMY	0.6392, 0.1412, 0.2549
CMYK	0.58, 0.00, 0.13, 0.14
HSL	166°, 64%, 61%
HSV	166°, 58%, 86%
XYZ	39.0394, 56.6561, 57.5933
YIQ	177.7210, -66.3830, -35.9430

Conversions

Conversions Part 2

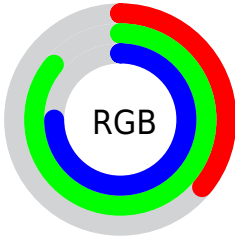
Format	Color
RYB	92, 164, 219
Decimal	6085566
CIELab	79.99, -42.06, 3.75
CIELCh	80, 42.228, 174.910
Yxy	56.6561, 0.2547, 0.3696
Android (android.graphics.Color)	4284275646 (0xFF5CDBBE)
YUV	177.7210, 6.0535, -75.1773
Hunter-Lab	75.2702, -39.1426, 7.3232

Details

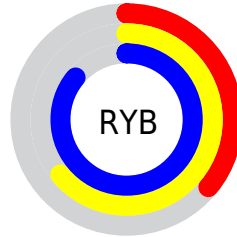
The RGB color **92, 219, 190** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **219, 92, 121**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **152, 255, 246**, and **4, 163, 137** is the 20% darker color. If you saturate the color by 10%, you get **70, 219, 185**, and if you desaturate by 10%, it is **114, 219, 195**.

Distribution



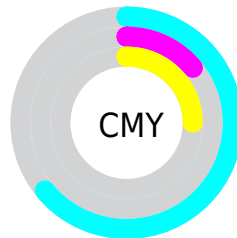
- Red (36%)
- Green (86%)
- Blue (75%)



- Red (36%)
- Yellow (64%)
- Blue (86%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (64%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 219, 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 RGB color 92, 219, 190 by changing the saturation by 10% instead.



92, 219, 190



92, 219, 190

255, 255, 255



59, 191, 163



152, 255, 246



4, 163, 137



182, 255, 255



0, 136, 111



212, 255, 255



0, 110, 87



242, 255, 255



0, 85, 64



0, 61, 42



0, 40, 21



0, 0, 0



92, 219, 190



92, 219, 190

 70, 219, 185

 114, 219, 195

 48, 219, 180

 136, 219, 200

 26, 219, 175

 158, 219, 205

 4, 219, 170

 180, 219, 210

 0, 219, 169

 202, 219, 215

 223, 219, 220

 245, 219, 225

 255, 219, 230

 255, 219, 235

Harmonies

Analogous

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



145, 215, 152



92, 219, 190



33, 219, 230

Triad

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



92, 219, 190



193, 191, 255



255, 180, 135

Complementary

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



92, 219, 190



219, 92, 121

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.



255, 170, 167



92, 219, 190



242, 177, 244

Square

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



92, 219, 190



129, 204, 255



255, 168, 207



230, 194, 119

Rectangle

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



92, 219, 190



35, 216, 253



255, 168, 207



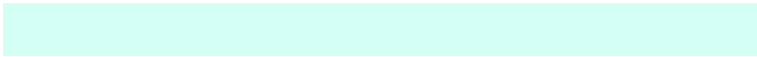
255, 176, 144

Sweetspot

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



92, 219, 190



212, 255, 245



122, 219, 92



102, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



92, 219, 190



77, 255, 214



92, 185, 219



99, 110, 107



0, 173, 134



0, 46, 35

Inverse Universe

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



219, 92, 121



255, 77, 117



219, 126, 92



110, 99, 101



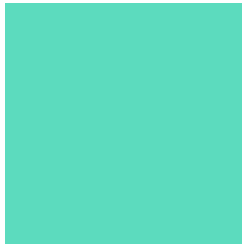
173, 0, 40



46, 0, 10

Previews

White Background



This preview shows how the RGB color 92, 219, 190 looks on a white background.

Color Contrast Check

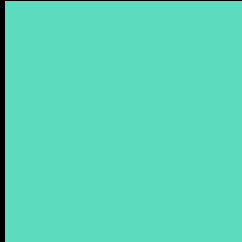
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 92, 219, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

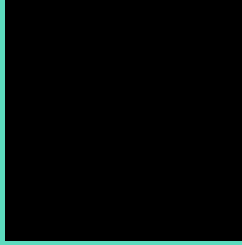
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

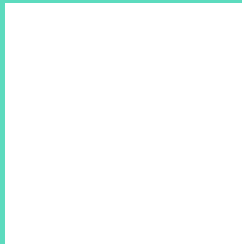
Any Text WCAG AAA ✓ Pass

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

RGB 92, 219, 190 Background



This preview shows how black text looks on a background with the RGB color 92, 219, 190.

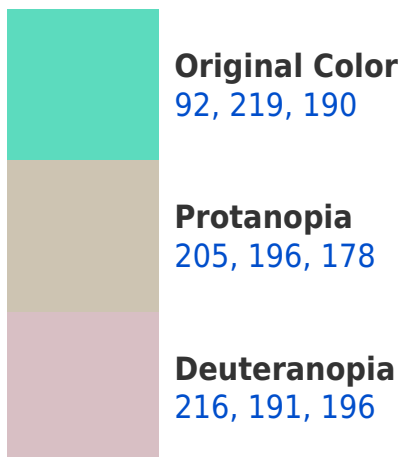



This preview shows how white text looks on a background with the RGB color 92, 219, 190.

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
107, 213, 230

Trichromacy



Original Color

92, 219, 190



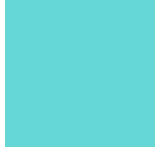
Protanomaly

164, 204, 182



Deuteranomaly

171, 201, 194



Tritanomaly

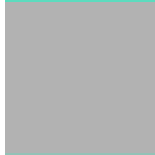
102, 215, 215

Monochromacy



Original Color

92, 219, 190



Achromatopsia

178, 178, 178



Achromatomaly

147, 193, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 219, 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, 219, 190)` looks like.

```
.text, #text, p{  
    color:rgb(92, 219, 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, 219, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 219, 190) }
```

Border

The CSS property to change the border of an element to RGB 92, 219, 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, 219, 190) }
```

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

```
.border{ border-color:rgb(92, 219, 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, 219, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 219, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 219, 190);  
box-shadow:4px 4px 4px 4px rgb(92, 219,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 92, 219, 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, 219, 190) }
```

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

```
.background{ background-color: rgb(92, 219,  
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