

Converting Colors

RGB(92, 219, 192)

Have a look what the booklet for
RGB(92, 219, 192) contains.

RGB(92, 219, 192)	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, 192)

Conversions

Conversions Part 1

Format	Color
Hex	5CDBC0
RGB	92, 219, 192
RGB Percent	36%, 86%, 75%
CMY	0.6392, 0.1412, 0.2471
CMYK	0.58, 0.00, 0.12, 0.14
HSL	167°, 64%, 61%
HSV	167°, 58%, 86%
XYZ	39.2596, 56.7441, 58.7527
YIQ	177.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

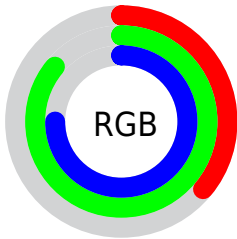
Format	Color
R_{YB}	92, 163, 219
Decimal	6085568
CIE _{Lab}	80.04, -41.58, 2.75
CIE _{LCh}	80, 41.669, 176.210
Yxy	56.7441, 0.2537, 0.3667
Android (android.graphics.Color)	4284275648 (0xFF5CDBC0)
YUV	177.9490, 6.9271, -75.3773
Hunter-Lab	75.3287, -38.7951, 6.4868

Details

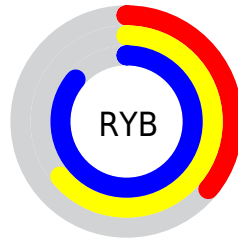
The RGB color **92, 219, 192** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **219, 92, 119**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **153, 255, 248**, and **3, 163, 139** is the 20% darker color. If you saturate the color by 10%, you get **70, 219, 187**, and if you desaturate by 10%, it is **114, 219, 197**.

Distribution



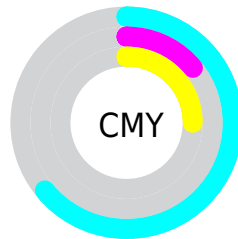
- Red (36%)
- Green (86%)
- Blue (75%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



















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

Brightness & Saturation Gradients

These gradients show how the RGB color 92, 219, 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 RGB color 92, 219, 192 by changing the saturation by 10% instead.

 92, 219, 192	 92, 219, 192
 255, 255, 255	 59, 191, 165
 153, 255, 248	 3, 163, 139
 182, 255, 255	 0, 136, 113
 212, 255, 255	 0, 110, 89
 242, 255, 255	 0, 85, 65
	 0, 61, 43
	 0, 40, 23
	 0, 0, 0
	 0, 0, 0

■ 92, 219, 192

■ 92, 219, 192

■ 70, 219, 187

■ 114, 219, 197

■ 48, 219, 183

■ 136, 219, 201

■ 26, 219, 178

■ 158, 219, 206

■ 4, 219, 173

■ 180, 219, 211

■ 0, 219, 172

■ 202, 219, 215

■ 223, 219, 220

■ 245, 219, 225

■ 255, 219, 229

■ 255, 219, 234

Harmonies

Analogous

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



143, 215, 154



92, 219, 192



40, 219, 231

Triad

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



92, 219, 192



196, 190, 255



255, 181, 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, 192



219, 92, 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.



255, 171, 166



92, 219, 192



243, 177, 242

Square

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



92, 219, 192



134, 204, 255



255, 169, 205



229, 194, 120

Rectangle

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



92, 219, 192



46, 216, 253



255, 169, 205



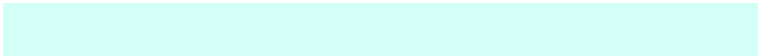
255, 177, 144

Sweetspot

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



92, 219, 192



212, 255, 246



120, 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, 192



77, 255, 217



92, 183, 219



99, 110, 107



0, 173, 137



0, 46, 36

Inverse Universe

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



219, 92, 119



255, 77, 114



219, 128, 92



110, 99, 101



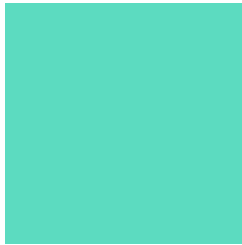
173, 0, 37



46, 0, 10

Previews

White Background



This preview shows how the RGB color 92, 219, 192 looks on a white background.

Color Contrast Check

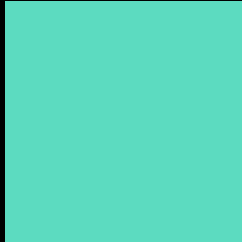
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 92, 219, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

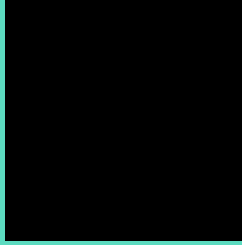
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

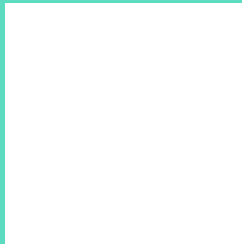
Any Text WCAG AAA ✓ Pass

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

RGB 92, 219, 192 Background



This preview shows how black text looks on a background with the RGB color 92, 219, 192.

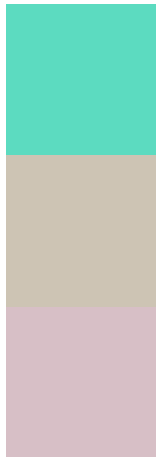


This preview shows how white text looks on a background with the RGB color 92, 219, 192.

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
92, 219, 192

Protanopia
205, 196, 180

Deuteranopia
215, 191, 198



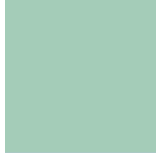
Tritanopia
106, 213, 231

Trichromacy



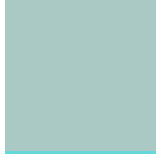
Original Color

92, 219, 192



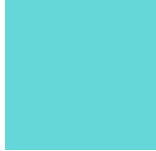
Protanomaly

164, 204, 184



Deuteranomaly

170, 201, 196



Tritanomaly

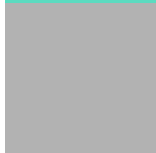
101, 215, 217

Monochromacy



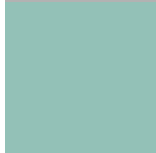
Original Color

92, 219, 192



Achromatopsia

178, 178, 178



Achromatomaly

147, 193, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 92, 219, 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(92, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(92, 219, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 219, 192) }
```

Border

The CSS property to change the border of an element to RGB 92, 219, 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(92, 219, 192) }
```

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

```
.border{ border-color:rgb(92, 219, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(92, 219,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 92, 219, 192 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, 192) }
```

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

```
.background{ background-color: rgb(92, 219,  
192) }
```

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