

# Converting Colors

RGB(92, 210, 145)

Have a look what the booklet for  
RGB(92, 210, 145) contains.

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# **Color**

**RGB(92, 210, 145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CD291
RGB	92, 210, 145
RGB Percent	36%, 82%, 57%
CMY	0.6392, 0.1765, 0.4314
CMYK	0.56, 0.00, 0.31, 0.18
HSL	147°, 57%, 59%
HSV	147°, 56%, 82%
XYZ	32.5711, 50.4128, 34.8020
YIQ	167.3080, -49.4630, -45.2310

# Conversions

## Conversions Part 2

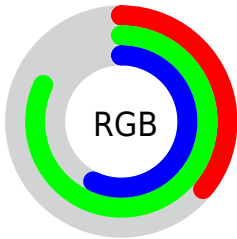
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 173, 210
Decimal	6083217
CIELab	76.32, -48.05, 22.43
CIELCh	76, 53.025, 154.974
Yxy	50.4128, 0.2765, 0.4280
Android (android.graphics.Color)	4284273297 (0xFF5CD291)
YUV	167.3080, -10.9978, -66.0451
Hunter-Lab	71.0020, -42.3694, 20.6401

# Details

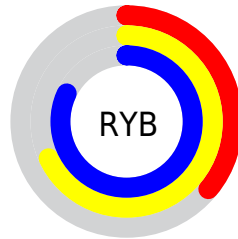
The RGB color **92, 210, 145** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **210, 92, 157**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **151, 255, 199**, and **19, 155, 94** is the 20% darker color. If you saturate the color by 10%, you get **71, 210, 133**, and if you desaturate by 10%, it is **113, 210, 157**.

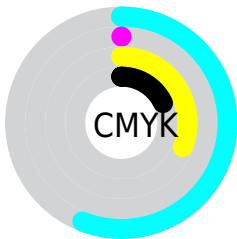
# Distribution



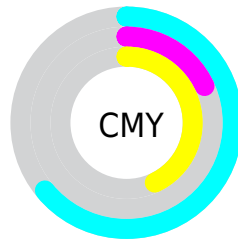
- Red (36%)
- Green (82%)
- Blue (57%)



- Red (36%)
- Yellow (68%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 92, 210, 145 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, 210, 145 by changing the saturation by 10% instead.



 92, 210, 145

 92, 210, 145


255, 255, 255

 61, 182, 119


 151, 255, 199

 19, 155, 94

 180, 255, 227

 0, 128, 70

 209, 255, 255

 0, 102, 47

 239, 255, 255

 0, 77, 25

 0, 53, 0

 0, 30, 0

 0, 0, 0

 92, 210, 145

 92, 210, 145

 71, 210, 133

 113, 210, 157

 50, 210, 122

 134, 210, 168

 29, 210, 110

 155, 210, 180

 8, 210, 99

 176, 210, 191

 0, 210, 94

 197, 210, 203

 218, 210, 214

 239, 210, 226

 255, 210, 238

 255, 210, 249

# Harmonies

## Analogous

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



158, 202, 105



92, 210, 145



0, 213, 195

# Triad

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



92, 210, 145



119, 191, 255



255, 154, 135

# Complementary

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



92, 210, 145



210, 92, 157

# 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, 147, 182



92, 210, 145



203, 172, 255

# Square

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



92, 210, 145



0, 204, 255



255, 155, 231



251, 171, 99

# Rectangle

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



92, 210, 145



0, 213, 228



255, 155, 231



255, 150, 150

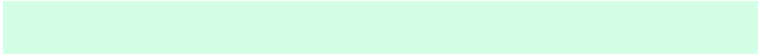


# Sweetspot

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



92, 210, 145



212, 255, 231



159, 210, 92



102, 128, 113



0, 0, 0



128, 128, 128



# Same Dimension

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



92, 210, 145



84, 255, 161



92, 210, 202



94, 105, 99



0, 168, 76



0, 41, 18



# Inverse Universe

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



210, 92, 157



255, 84, 178



210, 92, 100



105, 94, 100



168, 0, 93



41, 0, 22



# Previews

## White Background



This preview shows how the RGB color 92, 210, 145 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, 210, 145 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, 210, 145 Background



This preview shows how black text looks on a background with the RGB color 92, 210, 145.

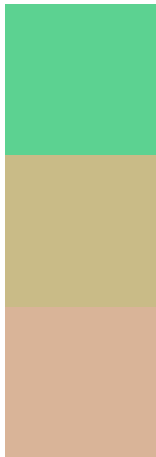


This preview shows how white text looks on a background with the RGB color 92, 210, 145.

# 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, 210, 145

**Protanopia**  
201, 187, 135

**Deuteranopia**  
217, 180, 152



**Tritanopia**  
113, 201, 217

# Trichromacy



**Original Color**

92, 210, 145



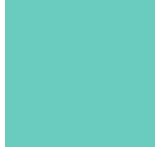
**Protanomaly**

161, 195, 139



**Deuteranomaly**

172, 191, 149



**Tritanomaly**

105, 204, 191

# Monochromacy



**Original Color**

92, 210, 145



**Achromatopsia**

167, 167, 167



**Achromatomaly**

140, 183, 159

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 92, 210, 145 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, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(92, 210, 145)  
}
```

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, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 210, 145) }
```

## Border

The CSS property to change the border of an element to RGB 92, 210, 145 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, 210, 145) }
```

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

```
.border{ border-color:rgb(92, 210, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 210, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 210, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 210, 145); box-shadow:4px 4px 4px 4px rgb(92, 210, 145) }
```

# Background

The CSS property to change the background color of an element to RGB 92, 210, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 210, 145) }
```

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

```
.background{ background-color: rgb(92, 210,  
145) }
```

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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