

Converting Colors

RGB(193, 213, 124)

Have a look what the booklet for
RGB(193, 213, 124) contains.

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Color

RGB(193, 213, 124)

Conversions

Conversions Part 1

Format	Color
Hex	C1D57C
RGB	193, 213, 124
RGB Percent	76%, 84%, 49%
CMY	0.2431, 0.1647, 0.5137
CMYK	0.09, 0.00, 0.42, 0.16
HSL	73°, 51%, 66%
HSV	73°, 42%, 84%
XYZ	49.4247, 60.3812, 28.1186
YIQ	196.8740, 16.6490, -31.9190

Conversions

Conversions Part 2

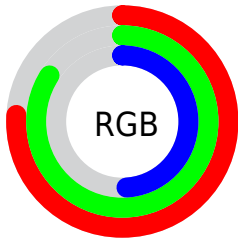
Format	Color
RYB	124, 213, 144
Decimal	12703100
CIELab	82.04, -20.53, 41.68
CIELCh	82, 46.464, 116.228
Yxy	60.3812, 0.3583, 0.4378
Android (android.graphics.Color)	4290893180 (0xFFC1D57C)
YUV	196.8740, -35.9269, -3.3975
Hunter-Lab	77.7053, -22.4490, 32.9390

Details

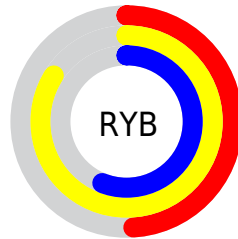
The RGB color **193, 213, 124** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **144, 124, 213**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **251, 255, 178**, and **138, 158, 73** is the 20% darker color. If you saturate the color by 10%, you get **188, 213, 103**, and if you desaturate by 10%, it is **198, 213, 145**.

Distribution



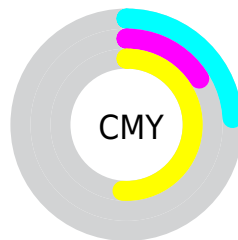
- Red (76%)
- Green (84%)
- Blue (49%)



- Red (49%)
- Yellow (84%)
- Blue (56%)



- Cyan (9%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 213, 124 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 193, 213, 124 by changing the saturation by 10% instead.

 193, 213, 124


255, 255, 255

 251, 255, 178


 255, 255, 206

 255, 255, 234

 193, 213, 124

 165, 185, 98


 138, 158, 73

 111, 132, 48

 86, 107, 22

 61, 83, 0

 37, 59, 0

 10, 38, 0

 0, 14, 0


 0, 0, 0

 193, 213, 124

 193, 213, 124

 188, 213, 103


 198, 213, 145

 183, 213, 81


 203, 213, 167

 179, 213, 60

 207, 213, 188

 174, 213, 39

 212, 213, 209

 169, 213, 18

 217, 213, 231

 165, 213, 0

 222, 213, 252

 227, 213, 255

 231, 213, 255

 236, 213, 255

Harmonies

Analogous

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



237, 200, 116



193, 213, 124



141, 222, 154

Triad

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



193, 213, 124



11, 221, 255



255, 170, 211

Complementary

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



193, 213, 124



144, 124, 213

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.



254, 179, 253



193, 213, 124



127, 210, 255

Square

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



193, 213, 124



0, 226, 241



201, 195, 255



255, 172, 168

Rectangle

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



193, 213, 124



101, 226, 182



201, 195, 255



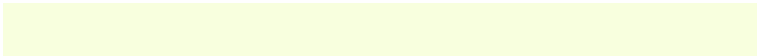
255, 172, 226

Sweetspot

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



193, 213, 124



248, 255, 222



213, 143, 124



123, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



193, 213, 124



226, 255, 128



149, 213, 124



105, 107, 96



132, 171, 0



34, 43, 0

Inverse Universe

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



144, 124, 213



156, 128, 255



188, 124, 213



99, 96, 107



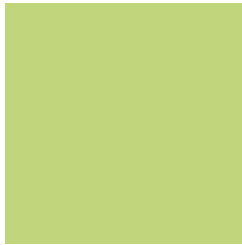
38, 0, 171



10, 0, 43

Previews

White Background



This preview shows how the RGB color 193, 213, 124 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 193, 213, 124 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 193, 213, 124 Background



This preview shows how black text looks on a background with the RGB color 193, 213, 124.



This preview shows how white text looks on a background with the RGB color 193, 213, 124.

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
193, 213, 124

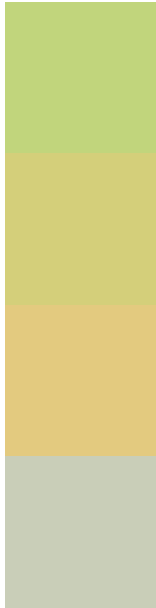
Protanopia
223, 204, 121

Deuteranopia
246, 195, 128



Tritanopia
205, 202, 218

Trichromacy



Original Color
193, 213, 124

Protanomaly
212, 207, 122

Deuteranomaly
227, 202, 127

Tritanomaly
201, 206, 184

Monochromacy



Original Color
193, 213, 124

Achromatopsia
197, 197, 197

Achromatomaly
196, 203, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 213, 124 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(193, 213, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 124)  
}
```

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(193, 213, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 124) }
```

Border

The CSS property to change the border of an element to RGB 193, 213, 124 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(193, 213, 124) }
```

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

```
.border{ border-color:rgb(193, 213, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 213, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 193, 213, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 124) }
```

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

```
.background{ background-color: rgb(193,  
213, 124) }
```

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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