

Converting Colors

RGB(125, 194, 113)

Have a look what the booklet for
RGB(125, 194, 113) contains.

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Color

RGB(125, 194, 113)

Conversions

Conversions Part 1

Format	Color
Hex	7DC271
RGB	125, 194, 113
RGB Percent	49%, 76%, 44%
CMY	0.5098, 0.2392, 0.5569
CMYK	0.36, 0.00, 0.42, 0.24
HSL	111°, 40%, 60%
HSV	111°, 42%, 76%
XYZ	30.7299, 44.1358, 22.5222
YIQ	164.1350, -15.1230, -39.8190

Conversions

Conversions Part 2

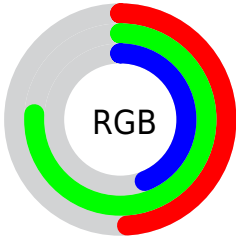
Format	Color
RYB	113, 194, 182
Decimal	8241777
CIELab	72.32, -37.51, 33.99
CIELCh	72, 50.626, 137.819
Yxy	44.1358, 0.3155, 0.4532
Android (android.graphics.Color)	4286431857 (0xFF7DC271)
YUV	164.1350, -25.2096, -34.3214
Hunter-Lab	66.4348, -33.6945, 26.4043

Details

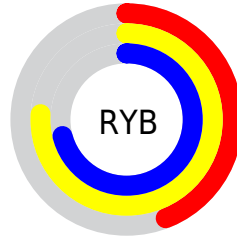
The RGB color **125, 194, 113** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **182, 113, 194**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **180, 251, 166**, and **72, 140, 63** is the 20% darker color. If you saturate the color by 10%, you get **108, 194, 94**, and if you desaturate by 10%, it is **142, 194, 132**.

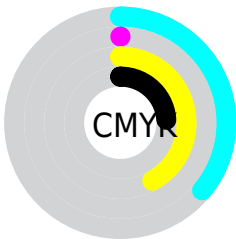
Distribution



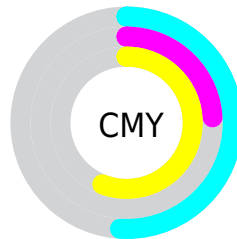
- Red (49%)
- Green (76%)
- Blue (44%)



- Red (44%)
- Yellow (76%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 194, 113 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 125, 194, 113 by changing the saturation by 10% instead.

 125, 194, 113

255, 255, 255

 180, 251, 166


 209, 255, 193


 237, 255, 221


 255, 255, 250

 125, 194, 113

 98, 167, 88

 72, 140, 63

 44, 114, 39

 11, 89, 15

 0, 65, 0


 0, 42, 0

 0, 15, 0


 0, 0, 0

 125, 194, 113

 125, 194, 113

 108, 194, 94

 142, 194, 132


 92, 194, 74


 158, 194, 152


 75, 194, 55

 175, 194, 171

 59, 194, 35


 191, 194, 191

 42, 194, 16

 208, 194, 210

 29, 194, 0

 224, 194, 229

 241, 194, 249

 255, 194, 255

Harmonies

Analogous

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



178, 183, 86



125, 194, 113



43, 200, 156

Triad

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



125, 194, 113



29, 188, 255



255, 140, 151

Complementary

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



125, 194, 113



182, 113, 194

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, 141, 198



125, 194, 113



150, 173, 255

Square

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



125, 194, 113



0, 197, 245



216, 155, 240



252, 151, 111

Rectangle

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



125, 194, 113



0, 201, 188



216, 155, 240



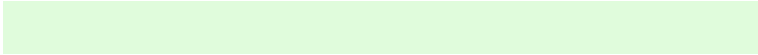
255, 138, 167

Sweetspot

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



125, 194, 113



224, 252, 220



194, 182, 113



110, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



125, 194, 113



145, 252, 126



113, 194, 141



89, 97, 87



24, 161, 0



5, 33, 0

Inverse Universe

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



182, 113, 194



234, 126, 252



194, 113, 166



95, 87, 97



137, 0, 161



28, 0, 33

Previews

White Background



This preview shows how the RGB color 125, 194, 113 looks on a white background.

Color Contrast Check

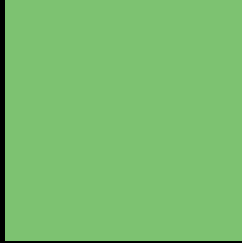
Large Text (above 18pt) WCAG AA × Fail

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 125, 194, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

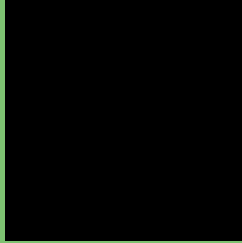
Any Text WCAG AA ✓ Pass

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 125, 194, 113 Background



This preview shows how black text looks on a background with the RGB color 125, 194, 113.

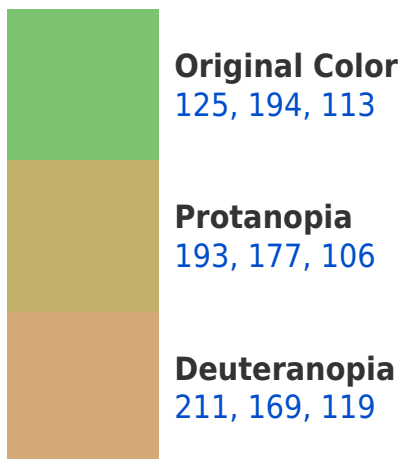


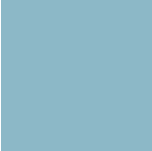
This preview shows how white text looks on a background with the RGB color 125, 194, 113.

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
140, 184, 199

Trichromacy



Original Color

125, 194, 113



Protanomaly

168, 183, 109



Deuteranomaly

180, 178, 117



Tritanomaly

135, 188, 168

Monochromacy



Original Color

125, 194, 113



Achromatopsia

164, 164, 164



Achromatomaly

150, 175, 145

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 194, 113 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(125, 194, 113)` looks like.

```
.text, #text, p{  
    color:rgb(125, 194, 113)  
}
```

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(125, 194, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 194, 113) }
```

Border

The CSS property to change the border of an element to RGB 125, 194, 113 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(125, 194, 113) }
```

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

```
.border{ border-color:rgb(125, 194, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 194, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 194, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 194, 113);  
box-shadow:4px 4px 4px 4px rgb(125, 194,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 125, 194, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 194, 113) }
```

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

```
.background{ background-color: rgb(125,  
194, 113) }
```

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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