Converting Colors

RGB(121, 211, 105)

Have a look what the booklet for RGB(121, 211, 105) contains.

Color

RGB(121, 211, 105)

Conversions

Conversions Part 1

Format	Color
Hex	79D369
RGB	121, 211, 105
RGB Percent	47%, 83%, 41%
CMY	0.5255, 0.1725, 0.5882
CMYK	0.43, 0.00, 0.50, 0.17
HSL	111°, 55%, 62%
HSV	111°, 50%, 83%
XYZ	33.7292, 51.6734, 21.5609
YIQ	172.0060, -19.6140, -52.0460

Conversions

Conversions Part 2

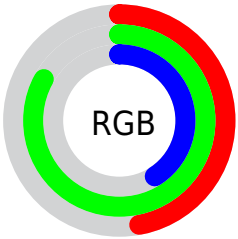
Format	Color
RYB	105, 211, 195
Decimal	7983977
CIELab	77.09, -47.24, 43.92
CIELCh	77, 64.500, 137.085
Yxy	51.6734, 0.3153, 0.4831
Android (android.graphics.Color)	4286174057 (0xFF79D369)
YUV	172.0060, -33.0340, -44.7323
Hunter-Lab	71.8842, -42.0423, 32.5356

Details

The RGB color 121, 211, 105 is a dark color, and the websafe version is hex 66CC66. A complement of this color would be 195, 105, 211, and the grayscale version is 172, 172, 172.

A 20% lighter version of the original color is 178, 255, 158, and 64, 156, 54 is the 20% darker color. If you saturate the color by 10%, you get 103, 211, 84, and if you desaturate by 10%, it is 139, 211, 126.

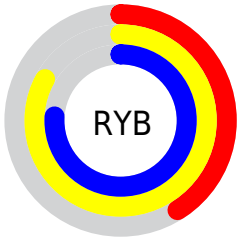
Distribution



Red (47%)

Green (83%)

Blue (41%)



Red (41%)

Yellow (83%)

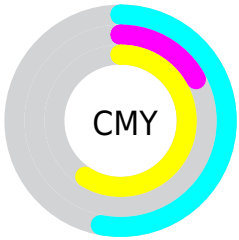
Blue (76%)

Cyan (43%)

Magenta (0%)

Yellow (50%)

Black (17%)



Cyan (53%)

Magenta (17%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 211, 105 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 121, 211, 105 by changing the saturation by 10% instead.

121, 211, 105

255, 255, 255

178, 255, 158

207, 255, 186

236, 255, 214

255, 255, 243

121, 211, 105

93, 183, 79

64, 156, 54

31, 129, 27

0, 103, 0

0, 78, 0

0, 54, 0

0, 32, 0

0, 0, 0

121, 211, 105

121, 211, 105

103, 211, 84

85, 211, 63

67, 211, 42

49, 211, 21

32, 211, 0

139, 211, 126

157, 211, 147

175, 211, 168

193, 211, 189

211, 211, 211

228, 211, 232

246, 211, 253

255, 211, 255

Harmonies

Analogous

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

190, 198, 68

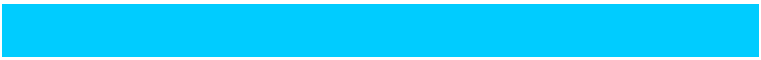
121, 211, 105

0, 218, 162

Triad

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

121, 211, 105



0, 204, 255

255, 138, 159

Complementary

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

121, 211, 105

195, 105, 211

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, 140, 219

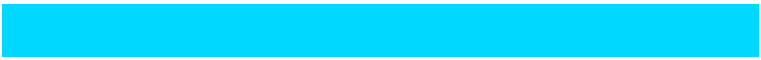
121, 211, 105

147, 185, 255

Square

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

121, 211, 105



0, 216, 255

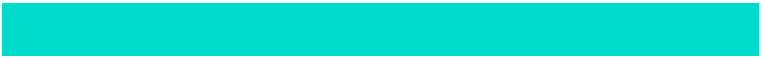
237, 160, 255

255, 155, 105

Rectangle

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

121, 211, 105



0, 220, 203

237, 160, 255

255, 136, 178

Sweetspot

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

121, 211, 105

223, 255, 217

211, 193, 105

108, 128, 105

0, 0, 0

128, 128, 128

Same Dimension

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

121, 211, 105

125, 255, 102

105, 211, 140

96, 105, 94

25, 168, 0

6, 41, 0

Inverse Universe

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

195, 105, 211

232, 102, 255

211, 105, 176

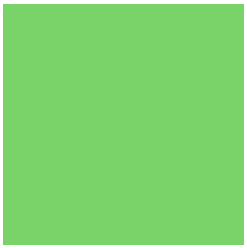
103, 94, 105

143, 0, 168

35, 0, 41

Previews

White Background

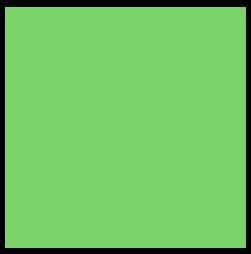


This preview shows how the RGB color 121, 211, 105 looks on a white background.

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 121, 211, 105 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 121, 211, 105 Background

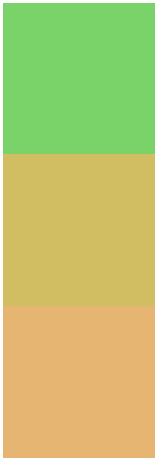
This preview shows how black text looks on a background with the RGB color 121, 211, 105.

This preview shows how white text looks on a background with the RGB color 121, 211, 105.

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
121, 211, 105

Protanopia
209, 189, 98

Deuteranopia
230, 181, 113

Tritanopia
142, 199, 215

Trichromacy

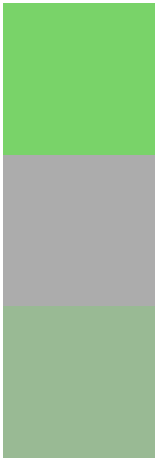
Original Color
121, 211, 105

Protanomaly
177, 197, 101

Deuteranomaly
190, 192, 110

Tritanomaly
134, 203, 175

Monochromacy



Original Color
121, 211, 105

Achromatopsia
172, 172, 172

Achromatomaly
153, 186, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 211, 105 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(121, 211, 105) looks like.

```
.text, #text, p{
    color:rgb(121, 211, 105)
}
```

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(121, 211, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 211, 105) }
```

Border

The CSS property to change the border of an element to RGB 121, 211, 105 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(121, 211, 105) }
```

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

```
.border{ border-color:rgb(121, 211, 105) }
```

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

Here you see how a box with a 4 pixel rgb(121, 211, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 211, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 211, 105); box-shadow:4px 4px 4px 4px rgb(121, 211, 105) }
```

Background

The CSS property to change the background color of an element to RGB 121, 211, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(121, 211, 105) }
```

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

```
.background{ background-color:rgb(121,
211, 105) }
```

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