

Converting Colors

RGB(60, 224, 124)

Have a look what the booklet for
RGB(60, 224, 124) contains.

RGB(60, 224, 124)	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(60, 224, 124)

Conversions

Conversions Part 1

Format	Color
Hex	3CE07C
RGB	60, 224, 124
RGB Percent	24%, 88%, 49%
CMY	0.7647, 0.1216, 0.5137
CMYK	0.73, 0.00, 0.45, 0.12
HSL	143°, 73%, 56%
HSV	143°, 73%, 88%
XYZ	32.1572, 55.7272, 28.1303
YIQ	163.5640, -65.6440, -65.8680

Conversions

Conversions Part 2

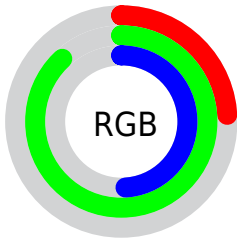
Format	Color
RYB	60, 178, 224
Decimal	3989628
CIELab	79.46, -63.05, 37.20
CIELCh	79, 73.211, 149.459
Yxy	55.7272, 0.2772, 0.4803
Android (android.graphics.Color)	4282179708 (0xFF3CE07C)
YUV	163.5640, -19.5051, -90.8256
Hunter-Lab	74.6507, -53.7463, 29.9134

Details

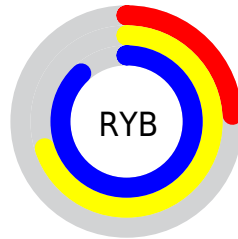
The RGB color **60, 224, 124** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle washed spring green. A complement of this color would be **224, 60, 160**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **129, 255, 178**, and **0, 167, 73** is the 20% darker color. If you saturate the color by 10%, you get **38, 224, 110**, and if you desaturate by 10%, it is **82, 224, 138**.

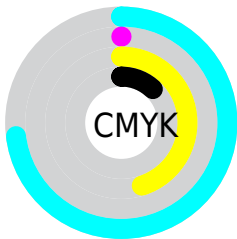
Distribution



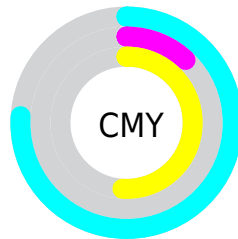
- Red (24%)
- Green (88%)
- Blue (49%)



- Red (24%)
- Yellow (70%)
- Blue (88%)



- Cyan (73%)
- Magenta (0%)
- Yellow (45%)
- Black (12%)



















- Cyan (76%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 224, 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 60, 224, 124 by changing the saturation by 10% instead.

 60, 224, 124	 60, 224, 124
 255, 255, 255	 0, 195, 98
 129, 255, 178	 0, 167, 73
 160, 255, 206	 0, 140, 48
 191, 255, 234	 0, 113, 23
 221, 255, 255	 0, 87, 0
 252, 255, 255	 0, 62, 0
	 0, 38, 0
	 0, 0, 0

 60, 224, 124  60, 224, 124

■ 38, 224, 110

■ 82, 224, 138

■ 15, 224, 97

■ 105, 224, 151

■ 0, 224, 87

■ 127, 224, 165

■ 150, 224, 179

■ 172, 224, 192

■ 194, 224, 206

■ 217, 224, 220

■ 239, 224, 233

■ 255, 224, 247

Harmonies

Analogous

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



165, 212, 67



60, 224, 124



0, 229, 193

Triad

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



60, 224, 124



0, 205, 255



255, 141, 134

Complementary

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



60, 224, 124



224, 60, 160

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, 132, 201



60, 224, 124



195, 179, 255

Square

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



60, 224, 124



0, 221, 255



255, 150, 255



255, 167, 77

Rectangle

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



60, 224, 124



0, 230, 240



255, 150, 255



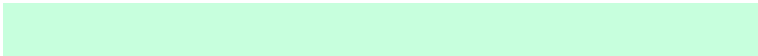
255, 135, 155

Sweetspot

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



60, 224, 124



199, 255, 221



161, 224, 60



94, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



60, 224, 124



31, 255, 118



60, 224, 205



101, 112, 105



0, 176, 69



0, 48, 19

Inverse Universe

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



224, 60, 160



255, 31, 167



224, 60, 79



112, 101, 108



176, 0, 107



48, 0, 30

Previews

White Background



This preview shows how the RGB color 60, 224, 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 60, 224, 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 60, 224, 124 Background



This preview shows how black text looks on a background with the RGB color 60, 224, 124.

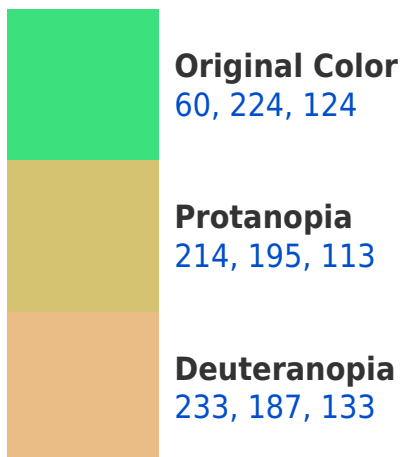


This preview shows how white text looks on a background with the RGB color 60, 224, 124.

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





Tritanopia
100, 212, 229

Trichromacy



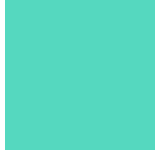
Original Color
60, 224, 124



Protanomaly
158, 206, 117



Deuteranomaly
170, 200, 130



Tritanomaly
85, 216, 191

Monochromacy



Original Color
60, 224, 124



Achromatopsia
164, 164, 164



Achromatomaly
126, 186, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 224, 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(60, 224, 124)` looks like.

```
.text, #text, p{  
    color:rgb(60, 224, 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(60, 224, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 224, 124) }
```

Border

The CSS property to change the border of an element to RGB 60, 224, 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(60, 224, 124) }
```

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

```
.border{ border-color:rgb(60, 224, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 224, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 224, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 224, 124);  
box-shadow:4px 4px 4px 4px rgb(60, 224,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 60, 224, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 224, 124) }
```

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

```
.background{ background-color: rgb(60, 224,  
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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