

Converting Colors

RGB(64, 212, 143)

Have a look what the booklet for
RGB(64, 212, 143) contains.

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Color

RGB(64, 212, 143)

Conversions

Conversions Part 1

Format	Color
Hex	40D48F
RGB	64, 212, 143
RGB Percent	25%, 83%, 56%
CMY	0.7490, 0.1686, 0.4392
CMYK	0.70, 0.00, 0.33, 0.17
HSL	152°, 63%, 54%
HSV	152°, 70%, 83%
XYZ	30.6158, 50.1601, 34.0549
YIQ	159.8820, -66.0590, -52.8350

Conversions

Conversions Part 2

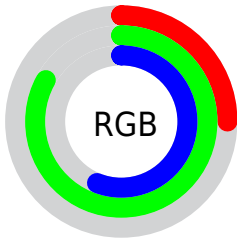
Format	Color
RYB	64, 160, 212
Decimal	4248719
CIELab	76.17, -54.53, 23.15
CIELCh	76, 59.238, 156.996
Yxy	50.1601, 0.2666, 0.4368
Android (android.graphics.Color)	4282438799 (0xFF40D48F)
YUV	159.8820, -8.3228, -84.0885
Hunter-Lab	70.8238, -46.7796, 21.0677

Details

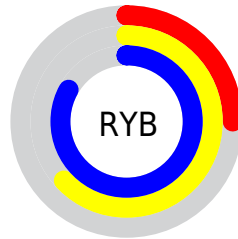
The RGB color **64, 212, 143** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **212, 64, 133**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **129, 255, 197**, and **0, 156, 92** is the 20% darker color. If you saturate the color by 10%, you get **43, 212, 133**, and if you desaturate by 10%, it is **85, 212, 153**.

Distribution



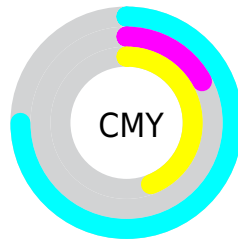
- Red (25%)
- Green (83%)
- Blue (56%)



- Red (25%)
- Yellow (63%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (75%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 64, 212, 143 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 64, 212, 143 by changing the saturation by 10% instead.


 64, 212, 143

 64, 212, 143


255, 255, 255

 12, 184, 117


 129, 255, 197

 0, 156, 92

 160, 255, 225

 0, 129, 68

 190, 255, 254

 0, 103, 45

 220, 255, 255

 0, 78, 23

 250, 255, 255

 0, 54, 0

 0, 30, 0

 0, 0, 0

 64, 212, 143

 64, 212, 143

 43, 212, 133

 85, 212, 153

 22, 212, 123

 106, 212, 163

 0, 212, 113

 128, 212, 173

 0, 212, 113

 149, 212, 183

 170, 212, 192

 191, 212, 202

 212, 212, 212

 234, 212, 222

 255, 212, 232

Harmonies

Analogous

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



149, 203, 96



64, 212, 143



0, 215, 199

Triad

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



64, 212, 143



111, 189, 255



255, 150, 125

Complementary

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



64, 212, 143



212, 64, 133

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, 177



64, 212, 143



208, 168, 255

Square

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



64, 212, 143



0, 205, 255



255, 148, 232



253, 170, 86

Rectangle

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



64, 212, 143



0, 214, 236



255, 148, 232



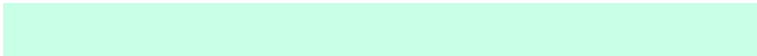
255, 145, 141

Sweetspot

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



64, 212, 143



201, 255, 230



133, 212, 64



96, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



64, 212, 143



41, 255, 155



64, 207, 212



96, 107, 102



0, 171, 91



0, 43, 23

Inverse Universe

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



212, 64, 133



255, 41, 141



212, 69, 64



107, 96, 101



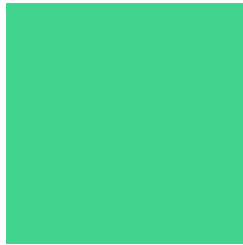
171, 0, 80



43, 0, 20

Previews

White Background



This preview shows how the RGB color 64, 212, 143 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 64, 212, 143 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 64, 212, 143 Background



This preview shows how black text looks on a background with the RGB color 64, 212, 143.

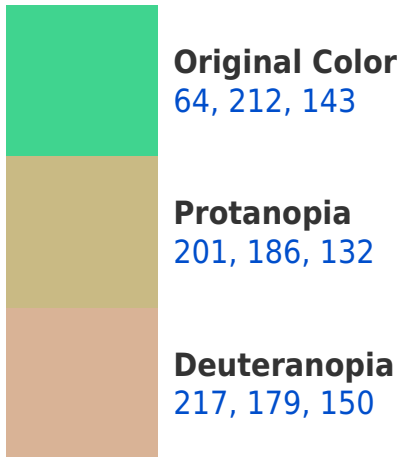


This preview shows how white text looks on a background with the RGB color 64, 212, 143.

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
94, 203, 219

Trichromacy



Original Color

64, 212, 143



Protanomaly

151, 195, 136



Deuteranomaly

161, 191, 147



Tritanomaly

83, 206, 191

Monochromacy



Original Color

64, 212, 143



Achromatopsia

160, 160, 160



Achromatomaly

125, 179, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 64, 212, 143 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(64, 212, 143)` looks like.

```
.text, #text, p{  
    color:rgb(64, 212, 143)  
}
```

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(64, 212, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 212, 143) }
```

Border

The CSS property to change the border of an element to RGB 64, 212, 143 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(64, 212, 143) }
```

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

```
.border{ border-color:rgb(64, 212, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 212, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 212, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 212, 143);  
box-shadow:4px 4px 4px 4px rgb(64, 212,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 64, 212, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 212, 143) }
```

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

```
.background{ background-color: rgb(64, 212,  
143) }
```

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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