

Converting Colors

RGB(76, 240, 163)

Have a look what the booklet for
RGB(76, 240, 163) contains.

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Color

RGB(76, 240, 163)

Conversions

Conversions Part 1

Format	Color
Hex	4CF0A3
RGB	76, 240, 163
RGB Percent	30%, 94%, 64%
CMY	0.7020, 0.0588, 0.3608
CMYK	0.68, 0.00, 0.32, 0.06
HSL	152°, 85%, 62%
HSV	152°, 68%, 94%
XYZ	40.7514, 66.5010, 45.3385
YIQ	182.1860, -73.0270, -58.7150

Conversions

Conversions Part 2

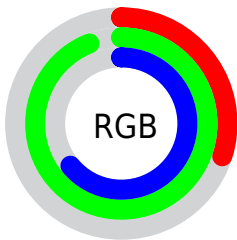
Format	Color
RYB	76, 183, 240
Decimal	5042339
CIELab	85.25, -59.40, 25.22
CIElCh	85, 64.535, 156.993
Yxy	66.5010, 0.2671, 0.4358
Android (android.graphics.Color)	4283232419 (0xFF4CF0A3)
YUV	182.1860, -9.4587, -93.1251
Hunter-Lab	81.5482, -53.5088, 24.1201

Details

The RGB color **76, 240, 163** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **240, 76, 153**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **142, 255, 218**, and **0, 183, 111** is the 20% darker color. If you saturate the color by 10%, you get **52, 240, 152**, and if you desaturate by 10%, it is **100, 240, 174**.

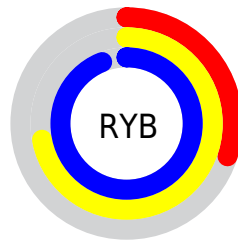
Distribution



Red (30%)

Green (94%)

Blue (64%)



Red (30%)

Yellow (72%)

Blue (94%)

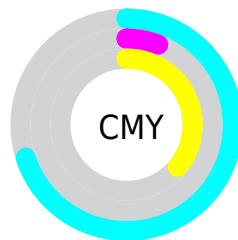


Cyan (68%)

Magenta (0%)

Yellow (32%)

Black (6%)



Cyan (70%)

















Magenta (6%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 76, 240, 163 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 76, 240, 163 by changing the saturation by 10% instead.

 76, 240, 163	 76, 240, 163
 255, 255, 255	 30, 211, 136
 142, 255, 218	 0, 183, 111
 173, 255, 247	 0, 155, 86
 204, 255, 255	 0, 128, 62
 235, 255, 255	 0, 102, 39
	 0, 76, 17
	 0, 53, 0
	 0, 27, 0
	 0, 0, 0

 76, 240, 163

 76, 240, 163

 52, 240, 152

 100, 240, 174

 28, 240, 140

 124, 240, 186

 4, 240, 129

 148, 240, 197

 0, 240, 127

 172, 240, 208

 196, 240, 219

 220, 240, 231

 244, 240, 242

 255, 240, 253

 255, 240, 255

Harmonies

Analogous

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



170, 230, 111



76, 240, 163



0, 244, 226

Triad

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



76, 240, 163



128, 215, 255



255, 171, 143

Complementary

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



76, 240, 163



240, 76, 153

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, 160, 201



76, 240, 163



236, 191, 255

Square

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



76, 240, 163



0, 232, 255



255, 169, 255



255, 193, 99

Rectangle

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



76, 240, 163



0, 243, 255



255, 169, 255



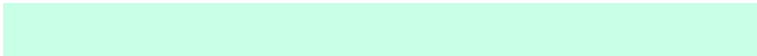
255, 165, 161

Sweetspot

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



76, 240, 163



201, 255, 230



155, 240, 76



96, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



76, 240, 163



46, 255, 157



76, 237, 240



108, 120, 114



0, 184, 97



0, 56, 30

Inverse Universe

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



240, 76, 153



255, 46, 144



240, 79, 76



120, 108, 113



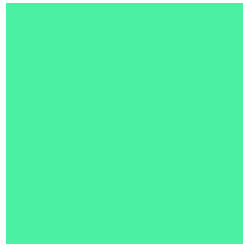
184, 0, 86



56, 0, 26

Previews

White Background



This preview shows how the RGB color 76, 240, 163 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 76, 240, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

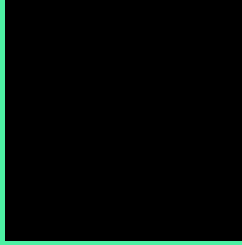
Any Text WCAG AA ✓ Pass

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 76, 240, 163 Background



This preview shows how black text looks on a background with the RGB color 76, 240, 163.

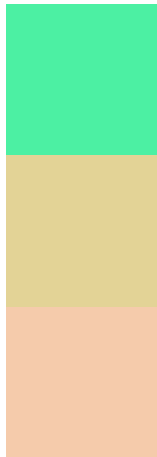


This preview shows how white text looks on a background with the RGB color 76, 240, 163.

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

76, 240, 163

Protanopia

227, 211, 150

Deuteranopia

245, 203, 171



Tritanopia
109, 229, 248

Trichromacy



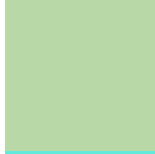
Original Color

76, 240, 163



Protanomaly

172, 222, 155



Deuteranomaly

184, 216, 168



Tritanomaly

97, 233, 217

Monochromacy



Original Color

76, 240, 163



Achromatopsia

182, 182, 182



Achromatomaly

143, 203, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 76, 240, 163 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(76, 240, 163)` looks like.

```
.text, #text, p{  
    color:rgb(76, 240, 163)  
}
```

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(76, 240, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 240, 163) }
```

Border

The CSS property to change the border of an element to RGB 76, 240, 163 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(76, 240, 163) }
```

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

```
.border{ border-color:rgb(76, 240, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 240, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 240, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 240, 163);  
box-shadow:4px 4px 4px 4px rgb(76, 240,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 76, 240, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 240, 163) }
```

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

```
.background{ background-color: rgb(76, 240,  
163) }
```

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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