

Converting Colors

RGB(190, 232, 75)

Have a look what the booklet for
RGB(190, 232, 75) contains.

RGB(190, 232, 75)	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(190, 232, 75)

Conversions

Conversions Part 1

Format	Color
Hex	BEE84B
RGB	190, 232, 75
RGB Percent	75%, 91%, 29%
CMY	0.2549, 0.0902, 0.7059
CMYK	0.18, 0.00, 0.68, 0.09
HSL	76°, 77%, 60%
HSV	76°, 68%, 91%
XYZ	51.3618, 69.1684, 17.3004
YIQ	201.5440, 25.3650, -57.7310

Conversions

Conversions Part 2

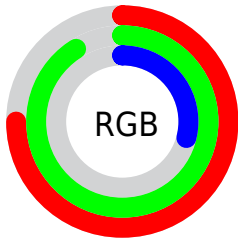
Format	Color
RYB	75, 232, 117
Decimal	12511307
CIELab	86.59, -34.93, 68.55
CIELCh	87, 76.935, 117.000
Yxy	69.1684, 0.3726, 0.5018
Android (android.graphics.Color)	4290701387 (0xFFBEE84B)
YUV	201.5440, -62.3862, -10.1241
Hunter-Lab	83.1675, -35.3068, 45.8838

Details

The RGB color **190, 232, 75** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **117, 75, 232**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **249, 255, 132**, and **133, 176, 0** is the 20% darker color. If you saturate the color by 10%, you get **184, 232, 52**, and if you desaturate by 10%, it is **196, 232, 98**.

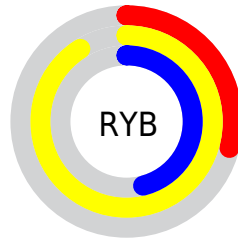
Distribution



Red (75%)

Green (91%)

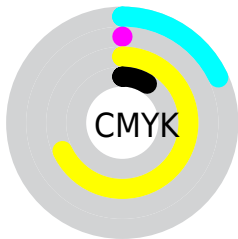
Blue (29%)



Red (29%)

Yellow (91%)

Blue (46%)

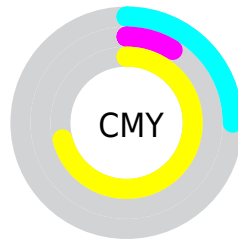


Cyan (18%)

Magenta (0%)

Yellow (68%)

Black (9%)



Cyan (25%)

















Magenta (9%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 232, 75 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 190, 232, 75 by changing the saturation by 10% instead.

 190, 232, 75	 190, 232, 75
 255, 255, 255	 161, 204, 44
 249, 255, 132	 133, 176, 0
 255, 255, 160	 105, 149, 0
 255, 255, 188	 77, 123, 0
 255, 255, 217	 49, 98, 0
 255, 255, 247	 15, 74, 0
	 0, 51, 0
	 0, 31, 0
	 0, 0, 0

190, 232, 75

190, 232, 75

184, 232, 52

196, 232, 98

178, 232, 29

202, 232, 121

171, 232, 5

209, 232, 145

170, 232, 0

215, 232, 168

221, 232, 191

227, 232, 214

233, 232, 237

240, 232, 255

246, 232, 255

Harmonies

Analogous

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



255, 211, 57



190, 232, 75



88, 245, 133

Triad

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



190, 232, 75



0, 244, 255



255, 149, 227

Complementary

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



190, 232, 75



117, 75, 232

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, 169, 255



190, 232, 75



0, 227, 255

Square

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



190, 232, 75



0, 251, 255



205, 200, 255



255, 156, 155

Rectangle

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



190, 232, 75



0, 250, 181



205, 200, 255



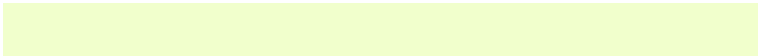
255, 153, 252

Sweetspot

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



190, 232, 75



241, 255, 204



232, 117, 75



119, 128, 97



0, 0, 0



128, 128, 128

Same Dimension

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



190, 232, 75



200, 255, 48



112, 232, 75



112, 115, 103



131, 179, 0



37, 51, 0

Inverse Universe

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



117, 75, 232



104, 48, 255



195, 75, 232



106, 103, 115



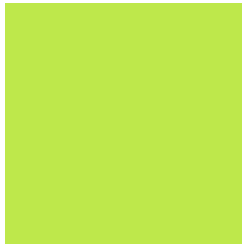
48, 0, 179



14, 0, 51

Previews

White Background



This preview shows how the RGB color 190, 232, 75 looks on a white background.

Color Contrast Check

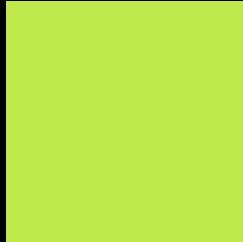
Large Text (above 18pt) WCAG AA × Fail

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 190, 232, 75 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 190, 232, 75 Background



This preview shows how black text looks on a background with the RGB color 190, 232, 75.



This preview shows how white text looks on a background with the RGB color 190, 232, 75.

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
190, 232, 75

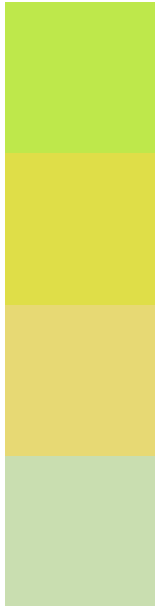
Protanopia
242, 217, 71

Deuteranopia
255, 209, 139



Tritanopia
208, 217, 234

Trichromacy



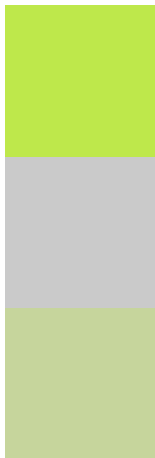
Original Color
190, 232, 75

Protanomaly
223, 222, 72

Deuteranomaly
231, 217, 116

Tritanomaly
201, 222, 176

Monochromacy



Original Color
190, 232, 75

Achromatopsia
202, 202, 202

Achromatomaly
198, 213, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 232, 75 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(190, 232, 75)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 75)  
}
```

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(190, 232, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 75) }
```

Border

The CSS property to change the border of an element to RGB 190, 232, 75 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(190, 232, 75) }
```

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

```
.border{ border-color:rgb(190, 232, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 75);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
75) }
```

Background

The CSS property to change the background color of an element to RGB 190, 232, 75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 75) }
```

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

```
.background{ background-color: rgb(190,  
232, 75) }
```

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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