

Converting Colors

RGB(69, 235, 189)

Have a look what the booklet for
RGB(69, 235, 189) contains.

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Color

RGB(69, 235, 189)

Conversions

Conversions Part 1

Format	Color
Hex	45EBBD
RGB	69, 235, 189
RGB Percent	27%, 92%, 74%
CMY	0.7294, 0.0784, 0.2588
CMYK	0.71, 0.00, 0.20, 0.08
HSL	163°, 81%, 60%
HSV	163°, 71%, 92%
XYZ	41.3479, 64.3560, 58.3868
YIQ	180.1220, -84.1700, -49.4980

Conversions

Conversions Part 2

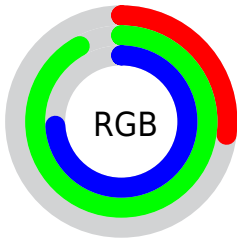
Format	Color
RYB	69, 165, 235
Decimal	4582333
CIELab	84.15, -52.83, 10.19
CIElCh	84, 53.801, 169.084
Yxy	64.3560, 0.2520, 0.3922
Android (android.graphics.Color)	4282772413 (0xFF45EBBD)
YUV	180.1220, 4.3769, -97.4540
Hunter-Lab	80.2222, -48.3869, 13.0035

Details

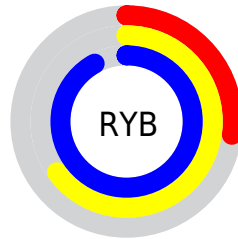
The RGB color **69, 235, 189** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **235, 69, 115**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **137, 255, 245**, and **0, 178, 136** is the 20% darker color. If you saturate the color by 10%, you get **46, 235, 182**, and if you desaturate by 10%, it is **93, 235, 196**.

Distribution



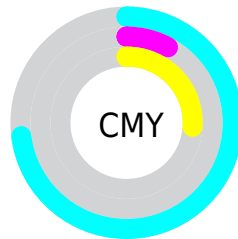
- Red (27%)
- Green (92%)
- Blue (74%)



- Red (27%)
- Yellow (65%)
- Blue (92%)



- Cyan (71%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



















- Cyan (73%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 69, 235, 189 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 69, 235, 189 by changing the saturation by 10% instead.

 69, 235, 189	 69, 235, 189
 255, 255, 255	 10, 206, 162
 137, 255, 245	 0, 178, 136
 169, 255, 255	 0, 151, 110
 200, 255, 255	 0, 124, 86
 231, 255, 255	 0, 98, 63
	 0, 73, 41
	 0, 50, 20
	 0, 23, 0
	 0, 0, 0

 69, 235, 189

 69, 235, 189

 46, 235, 182

 93, 235, 196

 22, 235, 176

 116, 235, 202

 0, 235, 170

 140, 235, 209

 163, 235, 215

 187, 235, 222

 210, 235, 228

 234, 235, 235

 255, 235, 241

 255, 235, 248

Harmonies

Analogous

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



151, 229, 141



69, 235, 189



0, 236, 241

Triad

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



69, 235, 189



185, 204, 255



255, 182, 135

Complementary

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



69, 235, 189



235, 69, 115

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, 170, 179



69, 235, 189



255, 184, 255

Square

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



69, 235, 189



79, 221, 255



255, 170, 231



255, 201, 109

Rectangle

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



69, 235, 189



0, 234, 255



255, 170, 231



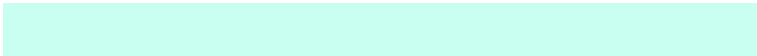
255, 177, 148

Sweetspot

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



69, 235, 189



201, 255, 240



116, 235, 69



96, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



69, 235, 189



38, 255, 195



69, 199, 235



106, 117, 114



0, 181, 131



0, 54, 39

Inverse Universe

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



235, 69, 115



255, 38, 98



235, 105, 69



117, 106, 109



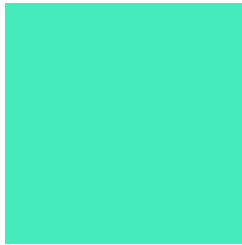
181, 0, 50



54, 0, 15

Previews

White Background



This preview shows how the RGB color 69, 235, 189 looks on a white background.

Color Contrast Check

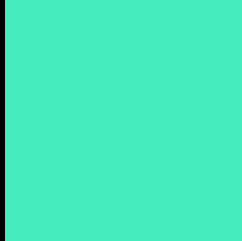
Large Text (above 18pt) WCAG AA × Fail

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 69, 235, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

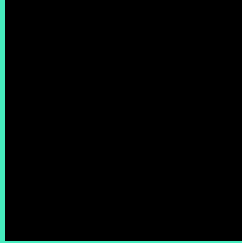
Any Text WCAG AA ✓ Pass

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 69, 235, 189 Background



This preview shows how black text looks on a background with the RGB color 69, 235, 189.

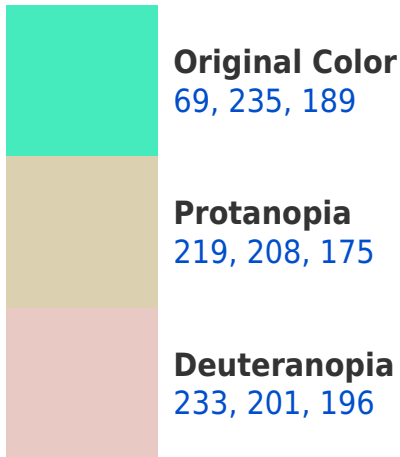


This preview shows how white text looks on a background with the RGB color 69, 235, 189.

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
96, 227, 246

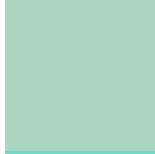
Trichromacy



Original Color
69, 235, 189



Protanomaly
164, 218, 180



Deuteranomaly
173, 213, 193

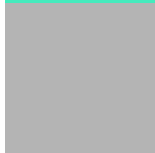


Tritanomaly
86, 230, 225

Monochromacy



Original Color
69, 235, 189



Achromatopsia
180, 180, 180



Achromatomaly
140, 200, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 69, 235, 189 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(69, 235, 189)` looks like.

```
.text, #text, p{  
    color:rgb(69, 235, 189)  
}
```

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(69, 235, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 235, 189) }
```

Border

The CSS property to change the border of an element to RGB 69, 235, 189 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(69, 235, 189) }
```

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

```
.border{ border-color:rgb(69, 235, 189) }
```

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

Here you see how a box with a 4 pixel rgb(69, 235, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 235, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 235, 189);  
box-shadow:4px 4px 4px 4px rgb(69, 235,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 69, 235, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 235, 189) }
```

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

```
.background{ background-color: rgb(69, 235,  
189) }
```

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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