

Converting Colors

RGB(56, 245, 178)

Have a look what the booklet for
RGB(56, 245, 178) contains.

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Color

RGB(56, 245, 178)

Conversions

Conversions Part 1

Format	Color
Hex	38F5B2
RGB	56, 245, 178
RGB Percent	22%, 96%, 70%
CMY	0.7804, 0.0392, 0.3020
CMYK	0.77, 0.00, 0.27, 0.04
HSL	159°, 90%, 59%
HSV	159°, 77%, 96%
XYZ	42.3192, 69.3599, 53.2768
YIQ	180.8510, -91.1370, -60.9050

Conversions

Conversions Part 2

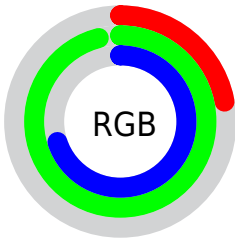
Format	Color
RYB	56, 171, 245
Decimal	3732914
CIELab	86.68, -60.79, 19.44
CIELCh	87, 63.826, 162.269
Yxy	69.3599, 0.2565, 0.4205
Android (android.graphics.Color)	4281922994 (0xFF38F5B2)
YUV	180.8510, -1.4055, -109.4943
Hunter-Lab	83.2826, -55.0417, 20.3693

Details

The RGB color **56, 245, 178** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **245, 56, 123**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **131, 255, 234**, and **0, 187, 125** is the 20% darker color. If you saturate the color by 10%, you get **31, 245, 169**, and if you desaturate by 10%, it is **80, 245, 187**.

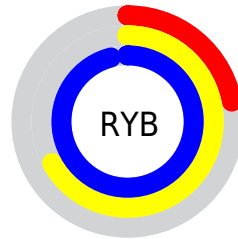
Distribution



Red (22%)

Green (96%)

Blue (70%)



Red (22%)

Yellow (67%)

Blue (96%)

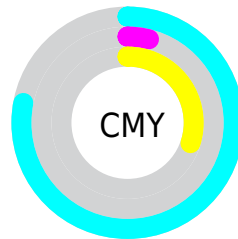


Cyan (77%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (78%)

















Magenta (4%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 56, 245, 178 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 56, 245, 178 by changing the saturation by 10% instead.

 56, 245, 178	 56, 245, 178
 255, 255, 255	 0, 216, 151
 131, 255, 234	 0, 187, 125
 163, 255, 255	 0, 160, 100
 195, 255, 255	 0, 132, 76
 226, 255, 255	 0, 106, 53
	 0, 80, 31
	 0, 56, 8
	 0, 31, 0
	 0, 0, 0

■ 56, 245, 178

■ 56, 245, 178

■ 31, 245, 169

■ 80, 245, 187

■ 7, 245, 161

■ 105, 245, 195

■ 0, 245, 158

■ 130, 245, 204

■ 154, 245, 213

■ 178, 245, 221

■ 203, 245, 230

■ 227, 245, 239

■ 252, 245, 247

■ 255, 245, 255

Harmonies

Analogous

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



161, 237, 124



56, 245, 178



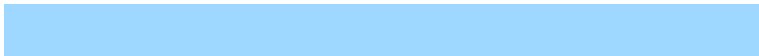
0, 248, 241

Triad

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



56, 245, 178



158, 215, 255



255, 179, 138

Complementary

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



56, 245, 178



245, 56, 123

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, 165, 194



56, 245, 178



254, 191, 255

Square

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



56, 245, 178



0, 234, 255



255, 170, 255



255, 201, 100

Rectangle

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



56, 245, 178



0, 246, 255



255, 170, 255



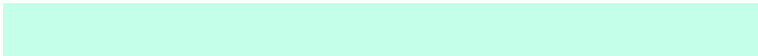
255, 173, 156

Sweetspot

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



56, 245, 178



196, 255, 234



125, 245, 56



92, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



56, 245, 178



18, 255, 171



56, 220, 245



110, 122, 118



0, 186, 120



0, 59, 38

Inverse Universe

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



245, 56, 123



255, 18, 102



245, 81, 56



122, 110, 114



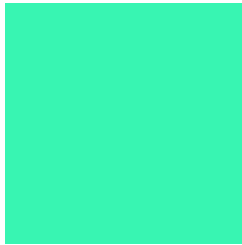
186, 0, 66



59, 0, 21

Previews

White Background



This preview shows how the RGB color 56, 245, 178 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 56, 245, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

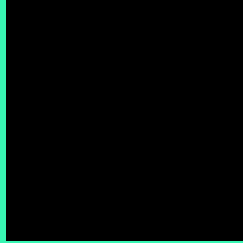
Any Text WCAG AA ✓ Pass

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 56, 245, 178 Background



This preview shows how black text looks on a background with the RGB color 56, 245, 178.

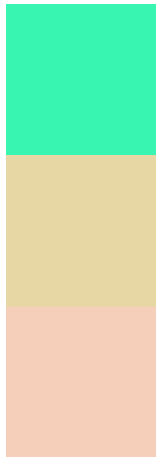


This preview shows how white text looks on a background with the RGB color 56, 245, 178.

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](#).

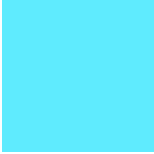
Dichromacy



Original Color
56, 245, 178

Protanopia
230, 215, 164

Deuteranopia
246, 207, 186



Tritanopia
95, 235, 254

Trichromacy



Original Color
56, 245, 178



Protanomaly
167, 226, 169



Deuteranomaly
177, 221, 183



Tritanomaly
81, 239, 226

Monochromacy



Original Color
56, 245, 178



Achromatopsia
181, 181, 181



Achromatomaly
136, 204, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 56, 245, 178 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(56, 245, 178)` looks like.

```
.text, #text, p{  
    color:rgb(56, 245, 178)  
}
```

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(56, 245, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 245, 178) }
```

Border

The CSS property to change the border of an element to RGB 56, 245, 178 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(56, 245, 178) }
```

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

```
.border{ border-color:rgb(56, 245, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 245, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 245, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 245, 178);  
box-shadow:4px 4px 4px 4px rgb(56, 245,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 56, 245, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 245, 178) }
```

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

```
.background{ background-color: rgb(56, 245,  
178) }
```

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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