

Converting Colors

RGB(86, 244, 222)

Have a look what the booklet for
RGB(86, 244, 222) contains.

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Color

RGB(86, 244, 222)

Conversions

Conversions Part 1

Format	Color
Hex	56F4DE
RGB	86, 244, 222
RGB Percent	34%, 96%, 87%
CMY	0.6627, 0.0431, 0.1294
CMYK	0.65, 0.00, 0.09, 0.04
HSL	172°, 88%, 65%
HSV	172°, 65%, 96%
XYZ	49.3733, 71.9537, 80.3935
YIQ	194.2500, -87.1060, -40.3380

Conversions

Conversions Part 2

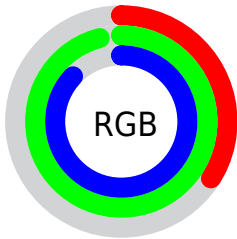
Format	Color
RYB	86, 171, 244
Decimal	5698782
CIELab	87.95, -46.11, -1.55
CIELCh	88, 46.137, 181.923
Yxy	71.9537, 0.2448, 0.3567
Android (android.graphics.Color)	4283888862 (0xFF56F4DE)
YUV	194.2500, 13.6808, -94.9352
Hunter-Lab	84.8255, -44.5476, 3.1857

Details

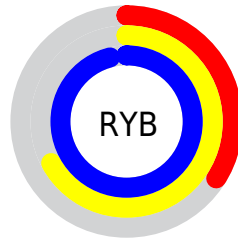
The RGB color **86, 244, 222** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **244, 86, 108**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **152, 255, 255**, and **0, 187, 167** is the 20% darker color. If you saturate the color by 10%, you get **62, 244, 219**, and if you desaturate by 10%, it is **110, 244, 225**.

Distribution



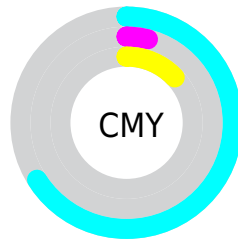
- Red (34%)
- Green (96%)
- Blue (87%)



- Red (34%)
- Yellow (67%)
- Blue (96%)



- Cyan (65%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



















- Cyan (66%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 244, 222 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 86, 244, 222 by changing the saturation by 10% instead.

 86, 244, 222	 86, 244, 222
 255, 255, 255	 44, 215, 194
 152, 255, 255	 0, 187, 167
 183, 255, 255	 0, 159, 141
 214, 255, 255	 0, 133, 115
 245, 255, 255	 0, 107, 91
	 0, 81, 67
	 0, 57, 45
	 0, 35, 25
	 0, 0, 0

■ 86, 244, 222

■ 86, 244, 222

■ 62, 244, 219

■ 110, 244, 225

■ 37, 244, 215

■ 135, 244, 229

■ 13, 244, 212

■ 159, 244, 232

■ 0, 244, 210

■ 184, 244, 236

■ 208, 244, 239

■ 232, 244, 242

■ 255, 244, 246

■ 255, 244, 249

■ 255, 244, 253

Harmonies

Analogous

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



148, 240, 178



86, 244, 222



17, 243, 255

Triad

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



86, 244, 222



229, 208, 255



255, 204, 144

Complementary

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



86, 244, 222



244, 86, 108

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, 191, 176



86, 244, 222



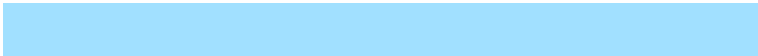
255, 193, 255

Square

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



86, 244, 222



161, 224, 255



255, 186, 219



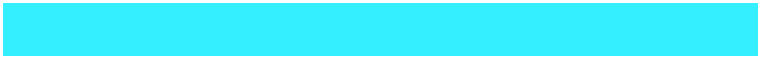
247, 219, 132

Rectangle

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



86, 244, 222



52, 239, 255



255, 186, 219



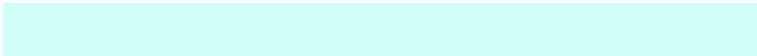
255, 199, 153

Sweetspot

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



86, 244, 222



207, 255, 248



110, 244, 86



98, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



86, 244, 222



56, 255, 227



86, 189, 244



110, 122, 121



0, 186, 160



0, 59, 50

Inverse Universe

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



244, 86, 108



255, 56, 84



244, 141, 86



122, 110, 112



186, 0, 26



59, 0, 8

Previews

White Background



This preview shows how the RGB color 86, 244, 222 looks on a white background.

Color Contrast Check

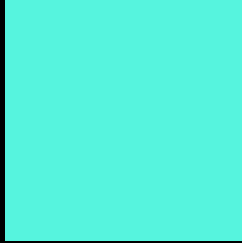
Large Text (above 18pt) WCAG AA × Fail

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 86, 244, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

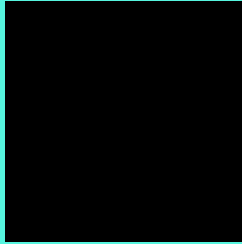
Any Text WCAG AA ✓ Pass

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 86, 244, 222 Background



This preview shows how black text looks on a background with the RGB color 86, 244, 222.



This preview shows how white text looks on a background with the RGB color 86, 244, 222.

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
118, 237, 255

Trichromacy



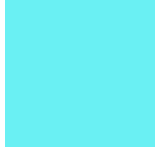
Original Color
86, 244, 222



Protanomaly
174, 227, 212



Deuteranomaly
181, 224, 226

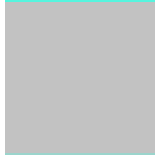


Tritanomaly
106, 240, 243

Monochromacy



Original Color
86, 244, 222



Achromatopsia
194, 194, 194



Achromatomaly
155, 212, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 244, 222 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(86, 244, 222) looks like.

```
.text, #text, p{  
    color:rgb(86, 244, 222)  
}
```

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(86, 244, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 244, 222) }
```

Border

The CSS property to change the border of an element to RGB 86, 244, 222 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(86, 244, 222) }
```

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

```
.border{ border-color:rgb(86, 244, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 244, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 244, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 244, 222);  
box-shadow:4px 4px 4px 4px rgb(86, 244,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 86, 244, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 244, 222) }
```

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

```
.background{ background-color: rgb(86, 244,  
222) }
```

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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