Converting Colors

RGB(106, 222, 201)

Have a look what the booklet for RGB(106, 222, 201) contains.

Color

RGB(106, 222, 201)

Conversions

Conversions Part 1

Format	Color
Hex	6ADEC9
RGB	106, 222, 201
RGB Percent	42%, 87%, 79%
CMY	0.5843, 0.1294, 0.2118
CMYK	0.52, 0.00, 0.09, 0.13
HSL	169°, 64%, 64%
HSV	169°, 52%, 87%
XYZ	42.6077, 59.5238, 64.5019
YIQ	184.9220, -62.3950, -31.1230

Conversions

Conversions Part 2

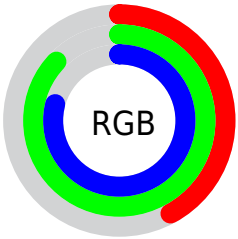
Format	Color
RYB	106, 170, 222
Decimal	7003849
CIELab	81.58, -37.93, 0.27
CIELCh	82, 37.932, 179.595
Yxy	59.5238, 0.2557, 0.3572
Android (android.graphics.Color)	4285193929 (0xFF6ADEC9)
YUV	184.9220, 7.9265, -69.2146
Hunter-Lab	77.1516, -36.4370, 4.4373

Details

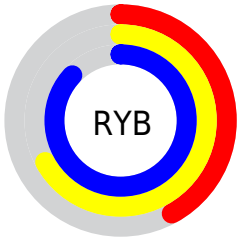
The RGB color 106, 222, 201 is a light color, and the websafe version is hex 33CCCC. A complement of this color would be 222, 106, 127, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 165, 255, 255, and 40, 166, 147 is the 20% darker color. If you saturate the color by 10%, you get 84, 222, 197, and if you desaturate by 10%, it is 128, 222, 205.

Distribution

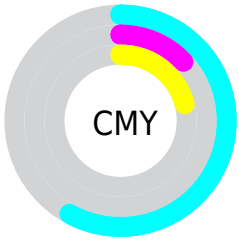


- Red (42%)
- Green (87%)
- Blue (79%)



- Red (42%)
- Yellow (67%)
- Blue (87%)

- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (58%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 222, 201 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 106, 222, 201 by changing the saturation by 10% instead.

106, 222, 201

255, 255, 255

165, 255, 255

194, 255, 255

224, 255, 255

254, 255, 255

106, 222, 201

75, 194, 174

40, 166, 147

0, 139, 121

0, 113, 97

0, 88, 73

0, 64, 51

0, 42, 29

0, 11, 5

0, 0, 0

106, 222, 201

84, 222, 197

62, 222, 193

39, 222, 189

17, 222, 185

0, 222, 182

106, 222, 201

128, 222, 205

150, 222, 209

173, 222, 213

195, 222, 217

217, 222, 221

239, 222, 225

255, 222, 229

255, 222, 233

255, 222, 237

Harmonies

Analogous

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

148, 219, 166

106, 222, 201

78, 221, 237

Triad

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

106, 222, 201

207, 194, 255

255, 188, 143

Complementary

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

106, 222, 201

222, 106, 127

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, 178, 169

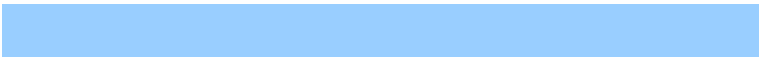
106, 222, 201

247, 182, 239

Square

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

106, 222, 201



153, 206, 255

255, 176, 205

227, 200, 131

Rectangle

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

106, 222, 201

87, 218, 255

255, 176, 205

255, 184, 150

Sweetspot

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

106, 222, 201

214, 255, 248

127, 222, 106

103, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

106, 222, 201

94, 255, 226

106, 185, 222

101, 112, 110

0, 176, 144

0, 48, 40

Inverse Universe

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

222, 106, 127

255, 94, 123

222, 143, 106

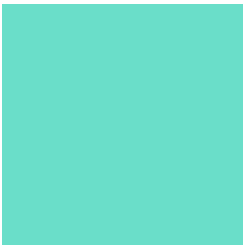
112, 101, 103

176, 0, 32

48, 0, 9

Previews

White Background

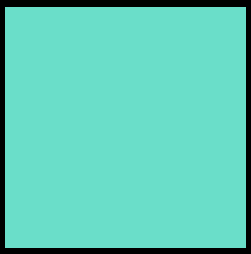


This preview shows how the RGB color 106, 222, 201 looks on a white background.

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



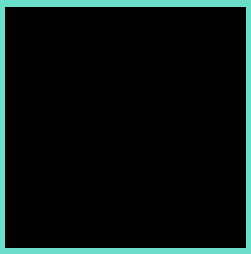
This preview shows how the RGB color 106, 222, 201 looks on a black background.

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 106, 222, 201 Background



This preview shows how black text looks on a background with the RGB color 106, 222, 201.

This preview shows how white text looks on a background with the RGB color 106, 222, 201.

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

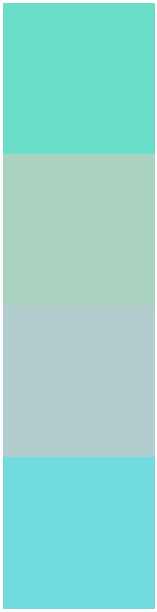
Original Color
106, 222, 201

Protanopia
208, 201, 189

Deuteranopia
218, 195, 207

Tritanopia
117, 217, 235

Trichromacy



Original Color
106, 222, 201

Protanomaly
171, 209, 193

Deuteranomaly
177, 205, 205

Tritanomaly
113, 219, 223

Monochromacy

Original Color
106, 222, 201

Achromatopsia
185, 185, 185

Achromatomaly
156, 198, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 222, 201 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(106, 222, 201) looks like.

```
.text, #text, p{
    color:rgb(106, 222, 201)
}
```

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(106, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 222, 201) }
```

Border

The CSS property to change the border of an element to RGB 106, 222, 201 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(106, 222, 201) }
```

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

```
.border{ border-color:rgb(106, 222, 201) }
```

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

Here you see how a box with a 4 pixel rgb(106, 222, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 222, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 222, 201); box-shadow:4px 4px 4px 4px rgb(106, 222, 201) }
```

Background

The CSS property to change the background color of an element to RGB 106, 222, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(106, 222, 201) }
```

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

```
.background{ background-color:rgb(106,
222, 201) }
```

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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