

Converting Colors

RGB(106, 210, 151)

Have a look what the booklet for
RGB(106, 210, 151) contains.

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Color

RGB(106, 210, 151)

Conversions

Conversions Part 1

Format	Color
Hex	6AD297
RGB	106, 210, 151
RGB Percent	42%, 82%, 59%
CMY	0.5843, 0.1765, 0.4078
CMYK	0.50, 0.00, 0.28, 0.18
HSL	146°, 54%, 62%
HSV	146°, 50%, 82%
XYZ	34.5764, 51.3917, 37.3754
YIQ	172.1780, -43.0450, -40.3970

Conversions

Conversions Part 2

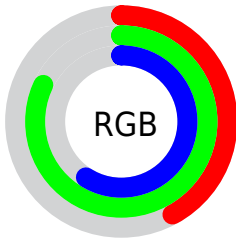
Format	Color
RYB	106, 179, 210
Decimal	7000727
CIELab	76.92, -43.57, 20.16
CIELCh	77, 48.008, 155.165
Yxy	51.3917, 0.2803, 0.4167
Android (android.graphics.Color)	4285190807 (0xFF6AD297)
YUV	172.1780, -10.4408, -58.0381
Hunter-Lab	71.6880, -39.3604, 19.2701

Details

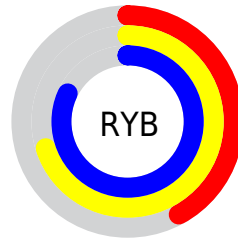
The RGB color **106, 210, 151** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **210, 106, 165**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **163, 255, 205**, and **46, 155, 100** is the 20% darker color. If you saturate the color by 10%, you get **85, 210, 139**, and if you desaturate by 10%, it is **127, 210, 163**.

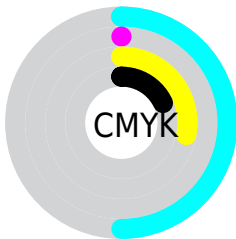
Distribution



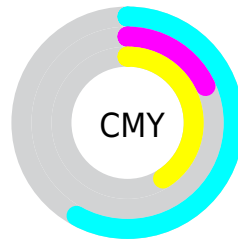
- Red (42%)
- Green (82%)
- Blue (59%)



- Red (42%)
- Yellow (70%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 210, 151 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, 210, 151 by changing the saturation by 10% instead.

 106, 210, 151

255, 255, 255


 163, 255, 205


 192, 255, 234


 221, 255, 255


 251, 255, 255

 106, 210, 151

 77, 182, 125

 46, 155, 100

 0, 128, 76

 0, 102, 52

 0, 77, 30

 0, 53, 8

 0, 32, 0

 0, 0, 0

 106, 210, 151

 106, 210, 151

 85, 210, 139

 127, 210, 163

 64, 210, 127

 148, 210, 175

 43, 210, 115

 169, 210, 187

 22, 210, 103

 190, 210, 199

 1, 210, 91

 211, 210, 211

 0, 210, 91

 232, 210, 222

 253, 210, 234

 255, 210, 246

 255, 210, 255

Harmonies

Analogous

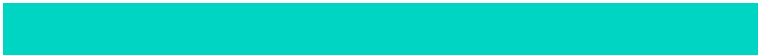
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163, 202, 115



106, 210, 151



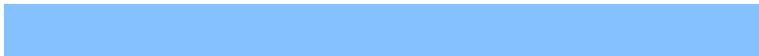
0, 213, 196

Triad

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



106, 210, 151



133, 192, 255



255, 160, 141

Complementary

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



106, 210, 151



210, 106, 165

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, 154, 184



106, 210, 151



204, 175, 255

Square

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



106, 210, 151



0, 204, 255



252, 160, 228



248, 174, 110

Rectangle

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



106, 210, 151



0, 213, 226



252, 160, 228



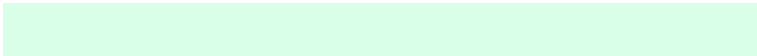
255, 157, 154

Sweetspot

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



106, 210, 151



217, 255, 233



167, 210, 106



105, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



106, 210, 151



105, 255, 170



106, 210, 201



94, 105, 99



0, 168, 73



0, 41, 18

Inverse Universe

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



210, 106, 165



255, 105, 190



210, 106, 115



105, 94, 100



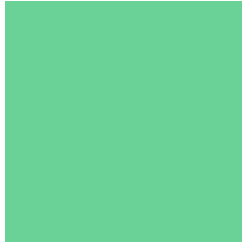
168, 0, 95



41, 0, 23

Previews

White Background



This preview shows how the RGB color 106, 210, 151 looks on a white background.

Color Contrast Check

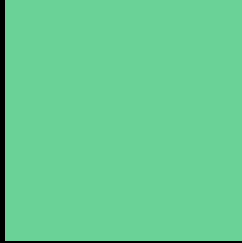
Large Text (above 18pt) WCAG AA × Fail

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, 210, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

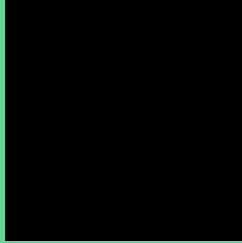
Any Text WCAG AA ✓ Pass

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, 210, 151 Background



This preview shows how black text looks on a background with the RGB color 106, 210, 151.

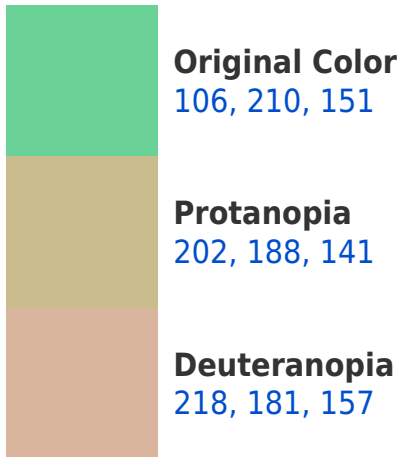


This preview shows how white text looks on a background with the RGB color 106, 210, 151.

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
123, 201, 218

Trichromacy



Original Color

106, 210, 151



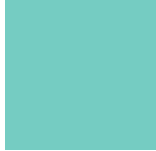
Protanomaly

167, 196, 145



Deuteranomaly

177, 192, 155



Tritanomaly

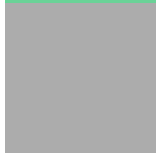
117, 204, 194

Monochromacy



Original Color

106, 210, 151



Achromatopsia

172, 172, 172



Achromatomaly

148, 186, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 210, 151 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, 210, 151)` looks like.

```
.text, #text, p{  
    color:rgb(106, 210, 151)  
}
```

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, 210, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 210, 151) }
```

Border

The CSS property to change the border of an element to RGB 106, 210, 151 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, 210, 151) }
```

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

```
.border{ border-color:rgb(106, 210, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 210, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 210, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 210, 151);  
box-shadow:4px 4px 4px 4px rgb(106, 210,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 106, 210, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 210, 151) }
```

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

```
.background{ background-color: rgb(106,  
210, 151) }
```

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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