

Converting Colors

RGB(107, 219, 161)

Have a look what the booklet for
RGB(107, 219, 161) contains.

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Color

RGB(107, 219, 161)

Conversions

Conversions Part 1

Format	Color
Hex	6BDBA1
RGB	107, 219, 161
RGB Percent	42%, 86%, 63%
CMY	0.5804, 0.1412, 0.3686
CMYK	0.51, 0.00, 0.26, 0.14
HSL	149°, 61%, 64%
HSV	149°, 51%, 86%
XYZ	37.8279, 56.3620, 42.6034
YIQ	178.9000, -48.1340, -41.7820

Conversions

Conversions Part 2

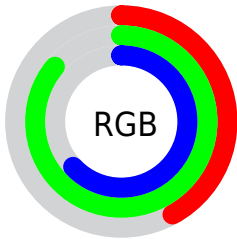
Format	Color
RYB	107, 183, 219
Decimal	7068577
CIELab	79.82, -45.23, 18.92
CIELCh	80, 49.028, 157.296
Yxy	56.3620, 0.2765, 0.4120
Android (android.graphics.Color)	4285258657 (0xFF6BDBA1)
YUV	178.9000, -8.8247, -63.0563
Hunter-Lab	75.0747, -41.4397, 18.9063

Details

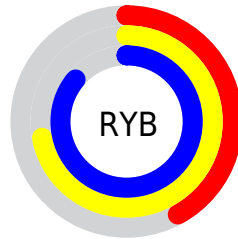
The RGB color **107, 219, 161** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **219, 107, 165**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **165, 255, 216**, and **45, 163, 109** is the 20% darker color. If you saturate the color by 10%, you get **85, 219, 150**, and if you desaturate by 10%, it is **129, 219, 172**.

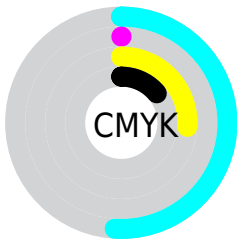
Distribution



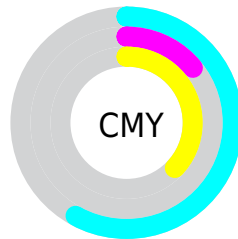
- Red (42%)
- Green (86%)
- Blue (63%)



- Red (42%)
- Yellow (72%)
- Blue (86%)



- Cyan (51%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)



- Cyan (58%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 219, 161 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 107, 219, 161 by changing the saturation by 10% instead.

 107, 219, 161

255, 255, 255


 165, 255, 216


 194, 255, 244


 223, 255, 255


253, 255, 255

 107, 219, 161


 77, 191, 135

 45, 163, 109

 0, 136, 85

 0, 110, 61

 0, 85, 39

 0, 61, 18

 0, 39, 0

 0, 0, 0


 107, 219, 161

 107, 219, 161

 85, 219, 150

 129, 219, 172

 63, 219, 138

 151, 219, 184

 41, 219, 127

 173, 219, 195

 19, 219, 116

 195, 219, 206

 0, 219, 106

 217, 219, 218

 238, 219, 229

 255, 219, 240

 255, 219, 252

 255, 219, 255

Harmonies

Analogous

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



167, 211, 123



107, 219, 161



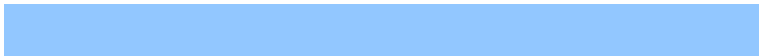
0, 222, 208

Triad

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



107, 219, 161



146, 199, 255



255, 168, 145

Complementary

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



107, 219, 161



219, 107, 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, 161, 188



107, 219, 161



217, 182, 255

Square

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



107, 219, 161



24, 212, 255



255, 166, 234



255, 183, 114

Rectangle

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



107, 219, 161



0, 221, 238



255, 166, 234



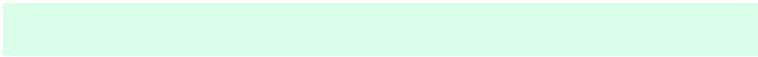
255, 164, 158

Sweetspot

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



107, 219, 161



217, 255, 235



167, 219, 107



105, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



107, 219, 161



99, 255, 174



107, 219, 215



99, 110, 104



0, 173, 84



0, 46, 22

Inverse Universe

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



219, 107, 165



255, 99, 180



219, 107, 111



110, 99, 104



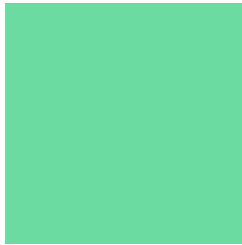
173, 0, 90



46, 0, 24

Previews

White Background



This preview shows how the RGB color 107, 219, 161 looks on a white background.

Color Contrast Check

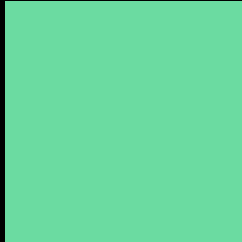
Large Text (above 18pt) WCAG AA × Fail

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 107, 219, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

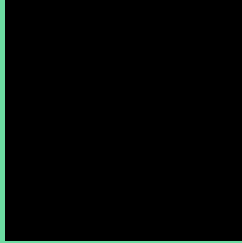
Any Text WCAG AA ✓ Pass

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 107, 219, 161 Background



This preview shows how black text looks on a background with the RGB color 107, 219, 161.

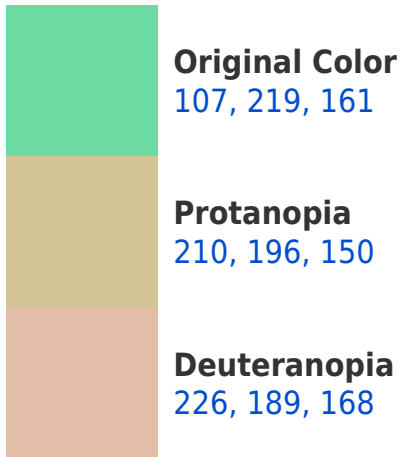


This preview shows how white text looks on a background with the RGB color 107, 219, 161.

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
125, 210, 227

Trichromacy



Original Color

107, 219, 161



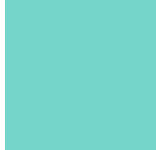
Protanomaly

173, 204, 154



Deuteranomaly

183, 200, 165



Tritanomaly

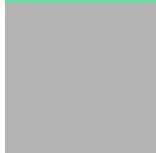
118, 213, 203

Monochromacy



Original Color

107, 219, 161



Achromatopsia

179, 179, 179



Achromatomaly

153, 194, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 219, 161 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(107, 219, 161)` looks like.

```
.text, #text, p{  
    color:rgb(107, 219, 161)  
}
```

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(107, 219, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 219, 161) }
```

Border

The CSS property to change the border of an element to RGB 107, 219, 161 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(107, 219, 161) }
```

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

```
.border{ border-color:rgb(107, 219, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 219, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 219, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 219, 161);  
box-shadow:4px 4px 4px 4px rgb(107, 219,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 107, 219, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 219, 161) }
```

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

```
.background{ background-color: rgb(107,  
219, 161) }
```

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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