

Converting Colors

RGB(126, 199, 159)

Have a look what the booklet for
RGB(126, 199, 159) contains.

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Color

RGB(126, 199, 159)

Conversions

Conversions Part 1

Format	Color
Hex	7EC79F
RGB	126, 199, 159
RGB Percent	49%, 78%, 62%
CMY	0.5059, 0.2196, 0.3765
CMYK	0.37, 0.00, 0.20, 0.22
HSL	147°, 39%, 64%
HSV	147°, 37%, 78%
XYZ	35.2856, 47.7857, 40.1647
YIQ	172.6130, -30.6680, -27.9160

Conversions

Conversions Part 2

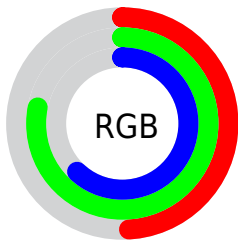
Format	Color
RYB	126, 176, 199
Decimal	8308639
CIELab	74.69, -31.55, 12.93
CIELCh	75, 34.094, 157.721
Yxy	47.7857, 0.2863, 0.3878
Android (android.graphics.Color)	4286498719 (0xFF7EC79F)
YUV	172.6130, -6.7112, -40.8796
Hunter-Lab	69.1272, -29.8582, 13.9400

Details

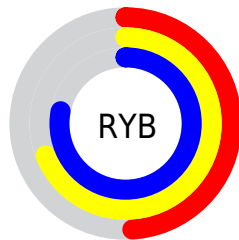
The RGB color **126, 199, 159** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 126, 166**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **181, 255, 214**, and **73, 145, 108** is the 20% darker color. If you saturate the color by 10%, you get **106, 199, 148**, and if you desaturate by 10%, it is **146, 199, 170**.

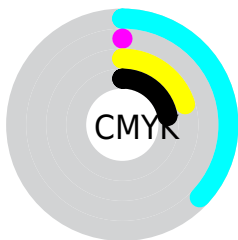
Distribution



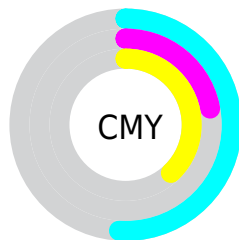
- Red (49%)
- Green (78%)
- Blue (62%)



- Red (49%)
- Yellow (69%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 199, 159 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 126, 199, 159 by changing the saturation by 10% instead.

 126, 199, 159


255, 255, 255


 181, 255, 214


 209, 255, 242

 238, 255, 255

 126, 199, 159

 99, 171, 133

 73, 145, 108

 46, 119, 83

 15, 94, 60


 0, 69, 38

 0, 46, 17

 0, 25, 0


 0, 0, 0

 126, 199, 159


 126, 199, 159

 106, 199, 148


 146, 199, 170

 86, 199, 137


 166, 199, 181


 66, 199, 126


 186, 199, 192

 46, 199, 115


 206, 199, 203

 27, 199, 104

 226, 199, 214

 7, 199, 94

 245, 199, 224

 0, 199, 90

 255, 199, 235

 255, 199, 246

 255, 199, 255

Harmonies

Analogous

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



163, 193, 133



126, 199, 159



91, 201, 191

Triad

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



126, 199, 159



154, 184, 246



243, 164, 147

Complementary

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



126, 199, 159



199, 126, 166

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.



245, 160, 177



126, 199, 159



198, 173, 233

Square

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



126, 199, 159



107, 193, 241



230, 163, 208



225, 174, 126

Rectangle

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



126, 199, 159



78, 200, 212



230, 163, 208



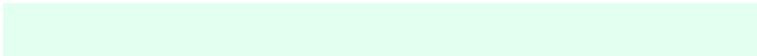
245, 162, 156

Sweetspot

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



126, 199, 159



227, 255, 240



166, 199, 126



111, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



126, 199, 159



143, 255, 194



126, 199, 195



90, 99, 94



0, 163, 74



0, 36, 16

Inverse Universe

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



199, 126, 166



255, 143, 204



199, 126, 130



99, 90, 95



163, 0, 89



36, 0, 20

Previews

White Background



This preview shows how the RGB color 126, 199, 159 looks on a white background.

Color Contrast Check

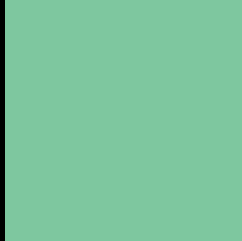
Large Text (above 18pt) WCAG AA × Fail

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 126, 199, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

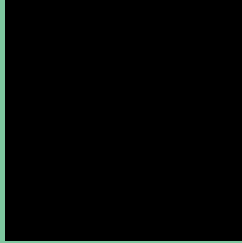
Any Text WCAG AA ✓ Pass

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 126, 199, 159 Background



This preview shows how black text looks on a background with the RGB color 126, 199, 159.



This preview shows how white text looks on a background with the RGB color 126, 199, 159.

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
126, 199, 159

Protanopia
193, 183, 151

Deuteranopia
208, 176, 164



Tritanopia
137, 192, 208

Trichromacy



Original Color

126, 199, 159



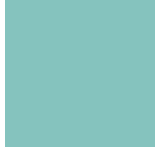
Protanomaly

169, 189, 154



Deuteranomaly

178, 184, 162



Tritanomaly

133, 195, 190

Monochromacy



Original Color

126, 199, 159



Achromatopsia

173, 173, 173



Achromatomaly

156, 182, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 199, 159 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(126, 199, 159)` looks like.

```
.text, #text, p{  
    color:rgb(126, 199, 159)  
}
```

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(126, 199, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 199, 159) }
```

Border

The CSS property to change the border of an element to RGB 126, 199, 159 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(126, 199, 159) }
```

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

```
.border{ border-color:rgb(126, 199, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 199, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 199, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 199, 159);  
box-shadow:4px 4px 4px 4px rgb(126, 199,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 126, 199, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 199, 159) }
```

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

```
.background{ background-color: rgb(126,  
199, 159) }
```

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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