

Converting Colors

RGB(126, 226, 186)

Have a look what the booklet for
RGB(126, 226, 186) contains.

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Color

RGB(126, 226, 186)

Conversions

Conversions Part 1

Format	Color
Hex	7EE2BA
RGB	126, 226, 186
RGB Percent	49%, 89%, 73%
CMY	0.5059, 0.1137, 0.2706
CMYK	0.44, 0.00, 0.18, 0.11
HSL	156°, 63%, 69%
HSV	156°, 44%, 89%
XYZ	44.6635, 62.3735, 56.1397
YIQ	191.5400, -46.7600, -33.6400

Conversions

Conversions Part 2

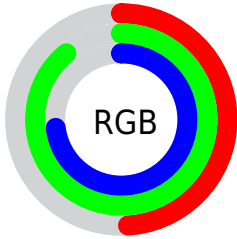
Format	Color
RYB	126, 189, 226
Decimal	8315578
CIELab	83.11, -38.48, 10.51
CIELCh	83, 39.890, 164.726
Yxy	62.3735, 0.2737, 0.3822
Android (android.graphics.Color)	4286505658 (0xFF7EE2BA)
YUV	191.5400, -2.7312, -57.4786
Hunter-Lab	78.9769, -37.2632, 13.1383

Details

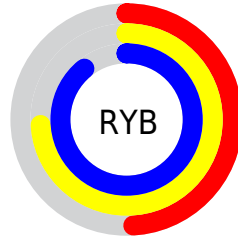
The RGB color **126, 226, 186** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **226, 126, 166**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **183, 255, 242**, and **69, 170, 133** is the 20% darker color. If you saturate the color by 10%, you get **103, 226, 177**, and if you desaturate by 10%, it is **149, 226, 195**.

Distribution



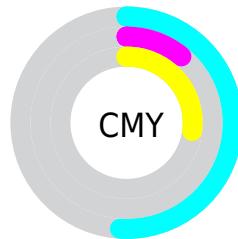
- Red (49%)
- Green (89%)
- Blue (73%)



- Red (49%)
- Yellow (74%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 126, 226, 186 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, 226, 186 by changing the saturation by 10% instead.


 126, 226, 186

 126, 226, 186


255, 255, 255

 98, 198, 159


 183, 255, 242

 69, 170, 133


 212, 255, 255

 36, 143, 108

 242, 255, 255

 0, 117, 83

 0, 92, 60

 0, 67, 38

 0, 45, 18

 0, 19, 0

 0, 0, 0


 126, 226, 186

 126, 226, 186

 103, 226, 177

 149, 226, 195

 81, 226, 168

 171, 226, 204

 58, 226, 159

 194, 226, 213

 36, 226, 150

 216, 226, 222

 13, 226, 141

 239, 226, 231

 0, 226, 136

 255, 226, 240

 255, 226, 249

 255, 226, 255

Harmonies

Analogous

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



172, 220, 153



126, 226, 186



82, 227, 225

Triad

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



126, 226, 186



184, 204, 255



255, 186, 156

Complementary

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



126, 226, 186



226, 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.



255, 179, 190



126, 226, 186



235, 191, 255

Square

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



126, 226, 186



124, 216, 255



255, 181, 228



249, 198, 135

Rectangle

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



126, 226, 186



70, 226, 248



255, 181, 228



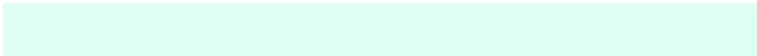
255, 183, 166

Sweetspot

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



126, 226, 186



222, 255, 242



166, 226, 126



107, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



126, 226, 186



120, 255, 201



126, 216, 226



101, 112, 108



0, 176, 106



0, 48, 29

Inverse Universe

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



226, 126, 166



255, 120, 174



226, 136, 126



112, 101, 105



176, 0, 70



48, 0, 19

Previews

White Background



This preview shows how the RGB color 126, 226, 186 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, 226, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

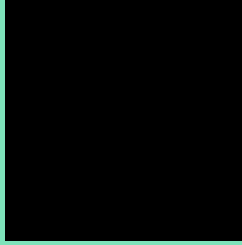
Any Text WCAG AA ✓ Pass

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, 226, 186 Background



This preview shows how black text looks on a background with the RGB color 126, 226, 186.

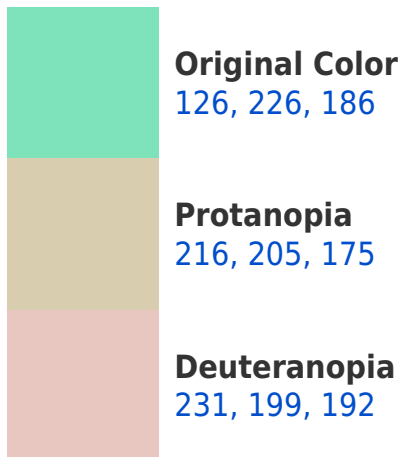


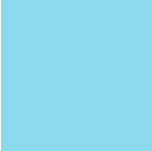
This preview shows how white text looks on a background with the RGB color 126, 226, 186.

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
139, 219, 237

Trichromacy



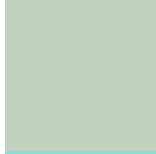
Original Color

126, 226, 186



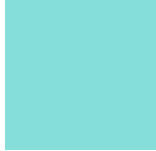
Protanomaly

183, 213, 179



Deuteranomaly

193, 209, 190



Tritanomaly

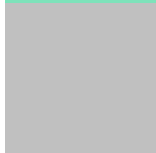
134, 222, 218

Monochromacy



Original Color

126, 226, 186



Achromatopsia

192, 192, 192



Achromatomaly

168, 204, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 226, 186 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, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(126, 226, 186)  
}
```

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, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 226, 186) }
```

Border

The CSS property to change the border of an element to RGB 126, 226, 186 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, 226, 186) }
```

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

```
.border{ border-color:rgb(126, 226, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 226, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 226, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 226, 186);  
box-shadow:4px 4px 4px 4px rgb(126, 226,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 126, 226, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 226, 186) }
```

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

```
.background{ background-color: rgb(126,  
226, 186) }
```

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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