

Converting Colors

RGB(126, 216, 185)

Have a look what the booklet for
RGB(126, 216, 185) contains.

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Color

RGB(126, 216, 185)

Conversions

Conversions Part 1

Format	Color
Hex	7ED8B9
RGB	126, 216, 185
RGB Percent	49%, 85%, 73%
CMY	0.5059, 0.1529, 0.2745
CMYK	0.42, 0.00, 0.14, 0.15
HSL	159°, 54%, 67%
HSV	159°, 42%, 85%
XYZ	41.9170, 57.0501, 54.7015
YIQ	185.5560, -43.6890, -28.7210

Conversions

Conversions Part 2

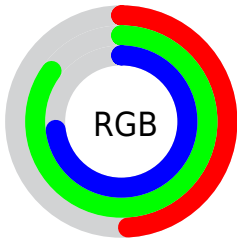
Format	Color
RYB	126, 180, 216
Decimal	8313017
CIELab	80.21, -34.10, 6.88
CIELCh	80, 34.789, 168.589
Yxy	57.0501, 0.2728, 0.3713
Android (android.graphics.Color)	4286503097 (0xFF7ED8B9)
YUV	185.5560, -0.2741, -52.2306
Hunter-Lab	75.5315, -33.1198, 9.9331

Details

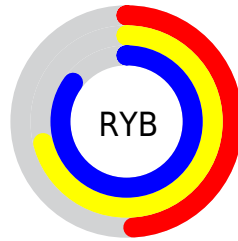
The RGB color **126, 216, 185** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **216, 126, 157**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **182, 255, 241**, and **70, 161, 132** is the 20% darker color. If you saturate the color by 10%, you get **104, 216, 178**, and if you desaturate by 10%, it is **148, 216, 192**.

Distribution



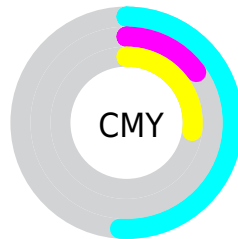
- Red (49%)
- Green (85%)
- Blue (73%)



- Red (49%)
- Yellow (71%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (51%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 126, 216, 185 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, 216, 185 by changing the saturation by 10% instead.


 126, 216, 185

 126, 216, 185


255, 255, 255

 98, 188, 158


 182, 255, 241

 70, 161, 132


 211, 255, 255

 40, 134, 107

 240, 255, 255

 0, 108, 83

 0, 84, 60

 0, 60, 38

 0, 38, 17

 0, 1, 0

 0, 0, 0

 126, 216, 185

 126, 216, 185

 104, 216, 178

 148, 216, 192

 83, 216, 170

 169, 216, 200

 61, 216, 163

 191, 216, 207

 40, 216, 155

 212, 216, 215

 18, 216, 148

 234, 216, 222

 0, 216, 142

 255, 216, 230

 255, 216, 237

 255, 216, 245

 255, 216, 252

Harmonies

Analogous

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



164, 211, 155



126, 216, 185



96, 217, 218

Triad

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



126, 216, 185



186, 195, 255



255, 182, 152

Complementary

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



126, 216, 185



216, 126, 157

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, 175, 180



126, 216, 185



228, 184, 242

Square

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



126, 216, 185



137, 206, 255



255, 176, 213



233, 193, 136

Rectangle

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



126, 216, 185



93, 215, 238



255, 176, 213



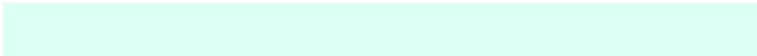
255, 179, 160

Sweetspot

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



126, 216, 185



222, 255, 244



157, 216, 126



107, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



126, 216, 185



128, 255, 211



126, 202, 216



96, 107, 103



0, 171, 112



0, 43, 28

Inverse Universe

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



216, 126, 157



255, 128, 171



216, 140, 126



107, 96, 100



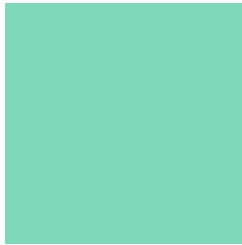
171, 0, 59



43, 0, 15

Previews

White Background



This preview shows how the RGB color 126, 216, 185 looks on a white background.

Color Contrast Check

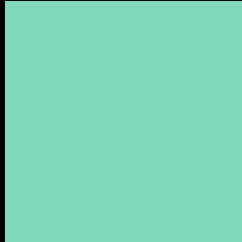
Large Text (above 18pt) WCAG AA × Fail

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, 216, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

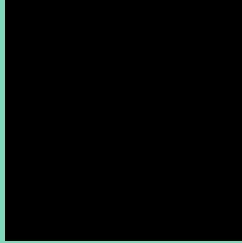
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

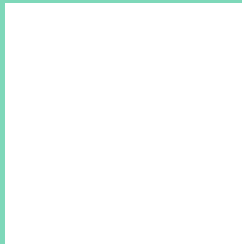
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 126, 216, 185 Background



This preview shows how black text looks on a background with the RGB color 126, 216, 185.

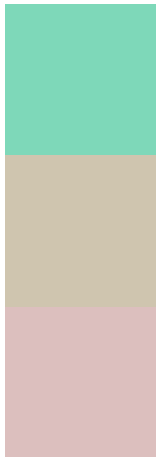


This preview shows how white text looks on a background with the RGB color 126, 216, 185.

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, 216, 185

Protanopia
207, 197, 175

Deuteranopia
220, 191, 190



Tritanopia
137, 210, 227

Trichromacy



Original Color

126, 216, 185



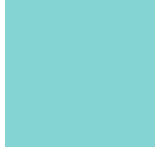
Protanomaly

178, 204, 179



Deuteranomaly

186, 200, 188



Tritanomaly

133, 212, 212

Monochromacy



Original Color

126, 216, 185



Achromatopsia

186, 186, 186



Achromatomaly

164, 197, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 216, 185 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, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(126, 216, 185)  
}
```

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, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 216, 185) }
```

Border

The CSS property to change the border of an element to RGB 126, 216, 185 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, 216, 185) }
```

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

```
.border{ border-color:rgb(126, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(126, 216,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 126, 216, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 216, 185) }
```

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

```
.background{ background-color: rgb(126,  
216, 185) }
```

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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