

Converting Colors

RGB(126, 238, 238)

Have a look what the booklet for
RGB(126, 238, 238) contains.

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Color

RGB(126, 238, 238)

Conversions

Conversions Part 1

Format	Color
Hex	7EEEEEE
RGB	126, 238, 238
RGB Percent	49%, 93%, 93%
CMY	0.5059, 0.0667, 0.0667
CMYK	0.47, 0.00, 0.00, 0.07
HSL	180°, 77%, 71%
HSV	180°, 47%, 93%
XYZ	54.6113, 71.7577, 91.8612
YIQ	204.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

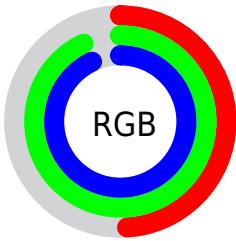
Format	Color
RYB	126, 182, 238
Decimal	8318702
CIELab	87.85, -31.96, -9.93
CIELCh	88, 33.471, 197.253
Yxy	71.7577, 0.2502, 0.3288
Android (android.graphics.Color)	4286508782 (0xFF7EEEEEE)
YUV	204.5120, 16.5096, -68.8550
Hunter-Lab	84.7099, -33.1659, -4.9984

Details

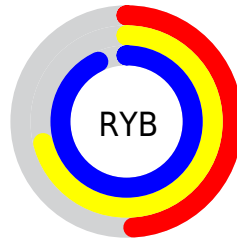
The RGB color **126, 238, 238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **238, 126, 126**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **185, 255, 255**, and **63, 182, 182** is the 20% darker color. If you saturate the color by 10%, you get **102, 238, 238**, and if you desaturate by 10%, it is **150, 238, 238**.

Distribution



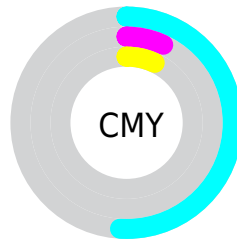
- Red (49%)
- Green (93%)
- Blue (93%)



- Red (49%)
- Yellow (71%)
- Blue (93%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 238, 238 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, 238, 238 by changing the saturation by 10% instead.


 126, 238, 238

 126, 238, 238


255, 255, 255

 96, 210, 210

 185, 255, 255

 63, 182, 182

 215, 255, 255

 19, 155, 155


 245, 255, 255

 0, 128, 129

 0, 103, 104

 0, 78, 80

 0, 54, 57

 0, 35, 36

 0, 1, 15

 126, 238, 238

 126, 238, 238

 102, 238, 238

 150, 238, 238

 78, 238, 238

 174, 238, 238

 55, 238, 238

 197, 238, 238

 31, 238, 238

 221, 238, 238

 7, 238, 238

 245, 238, 238

 0, 238, 238

 255, 238, 238

Harmonies

Analogous

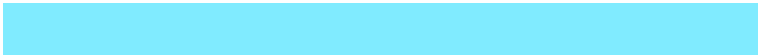
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 237, 205



126, 238, 238



128, 235, 255

Triad

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



126, 238, 238



247, 206, 255



255, 214, 159

Complementary

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



126, 238, 238



238, 126, 126

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, 203, 175



126, 238, 238



255, 198, 235

Square

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



126, 238, 238



206, 217, 255



255, 197, 203



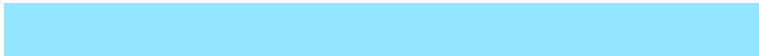
224, 224, 159

Rectangle

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



126, 238, 238



147, 230, 255



255, 197, 203



255, 210, 162

Sweetspot

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



126, 238, 238



219, 255, 255



126, 238, 126



106, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



126, 238, 238



112, 255, 255



126, 182, 238



108, 120, 120



0, 184, 184



0, 56, 56

Inverse Universe

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



238, 126, 238



255, 112, 255



238, 182, 126



120, 108, 120



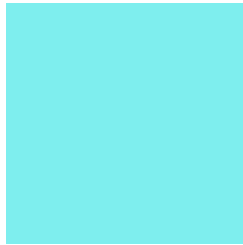
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RGB color 126, 238, 238 looks on a white background.

Color Contrast Check

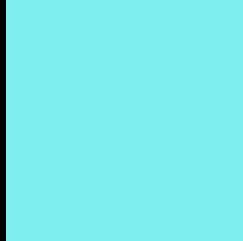
Large Text (above 18pt) WCAG AA × Fail

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, 238, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

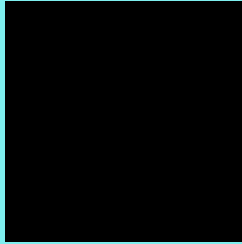
Any Text WCAG AA ✓ Pass

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, 238, 238 Background



This preview shows how black text looks on a background with the RGB color 126, 238, 238.



This preview shows how white text looks on a background with the RGB color 126, 238, 238.

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
131, 235, 254

Trichromacy



Original Color

126, 238, 238



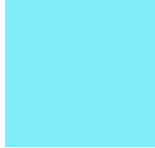
Protanomaly

186, 225, 230



Deuteranomaly

192, 222, 241



Tritanomaly

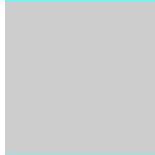
129, 236, 248

Monochromacy



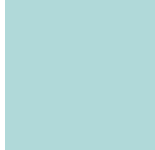
Original Color

126, 238, 238



Achromatopsia

205, 205, 205



Achromatomaly

176, 217, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 238, 238 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, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(126, 238, 238)  
}
```

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, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 238, 238) }
```

Border

The CSS property to change the border of an element to RGB 126, 238, 238 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, 238, 238) }
```

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

```
.border{ border-color:rgb(126, 238, 238) }
```

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

Here you see how a box with a 4 pixel rgb(126, 238, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(126, 238,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 126, 238, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 238, 238) }
```

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

```
.background{ background-color: rgb(126,  
238, 238) }
```

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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