

Converting Colors

RGB(126, 237, 165)

Have a look what the booklet for
RGB(126, 237, 165) contains.

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Color

RGB(126, 237, 165)

Conversions

Conversions Part 1

Format	Color
Hex	7EEDA5
RGB	126, 237, 165
RGB Percent	49%, 93%, 65%
CMY	0.5059, 0.0706, 0.3529
CMYK	0.47, 0.00, 0.30, 0.07
HSL	141°, 76%, 71%
HSV	141°, 47%, 93%
XYZ	45.6799, 67.7206, 46.2611
YIQ	195.6030, -43.0440, -45.9240

Conversions

Conversions Part 2

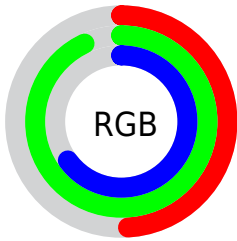
Format	Color
RYB	126, 208, 237
Decimal	8318373
CIELab	85.87, -47.43, 25.28
CIELCh	86, 53.745, 151.944
Yxy	67.7206, 0.2861, 0.4242
Android (android.graphics.Color)	4286508453 (0xFF7EEDA5)
YUV	195.6030, -15.0873, -61.0418
Hunter-Lab	82.2925, -44.9281, 24.2746

Details

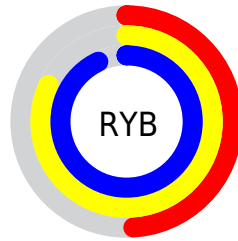
The RGB color **126, 237, 165** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **237, 126, 198**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **184, 255, 220**, and **67, 180, 113** is the 20% darker color. If you saturate the color by 10%, you get **102, 237, 150**, and if you desaturate by 10%, it is **150, 237, 180**.

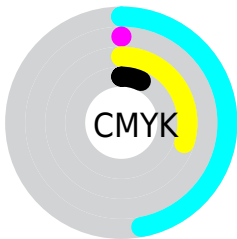
Distribution



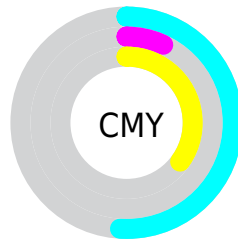
- Red (49%)
- Green (93%)
- Blue (65%)



- Red (49%)
- Yellow (82%)
- Blue (93%)



- Cyan (47%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (51%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 126, 237, 165 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, 237, 165 by changing the saturation by 10% instead.

 126, 237, 165

255, 255, 255


 184, 255, 220


 213, 255, 249


 243, 255, 255


 126, 237, 165

 97, 208, 138

 67, 180, 113

 32, 153, 88

 0, 126, 64

 0, 101, 41

 0, 76, 18

 0, 52, 0

 0, 29, 0

 0, 0, 0

 126, 237, 165

 126, 237, 165

 102, 237, 150

 150, 237, 180

 79, 237, 134

 173, 237, 196

 55, 237, 119

 197, 237, 211

 31, 237, 104

 221, 237, 226

 7, 237, 88

 244, 237, 242

 0, 237, 83

 255, 237, 255

Harmonies

Analogous

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



190, 228, 126



126, 237, 165



0, 241, 216

Triad

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



126, 237, 165



138, 219, 255



255, 179, 164

Complementary

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



126, 237, 165



237, 126, 198

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, 173, 213



126, 237, 165



224, 200, 255

Square

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



126, 237, 165



0, 233, 255



255, 182, 255



255, 195, 126

Rectangle

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



126, 237, 165



0, 241, 251



255, 182, 255



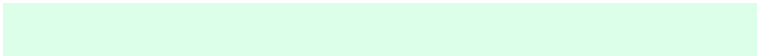
255, 175, 179

Sweetspot

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



126, 237, 165



219, 255, 232



198, 237, 126



106, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



126, 237, 165



112, 255, 162



126, 237, 220



106, 117, 110



0, 181, 64



0, 54, 19

Inverse Universe

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



237, 126, 198



255, 112, 205



237, 126, 143



117, 106, 113



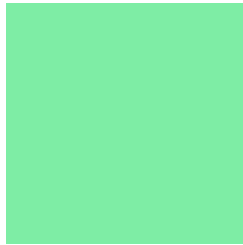
181, 0, 117



54, 0, 35

Previews

White Background



This preview shows how the RGB color 126, 237, 165 looks on a white background.

Color Contrast Check

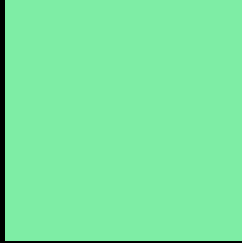
Large Text (above 18pt) WCAG AA × Fail

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, 237, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

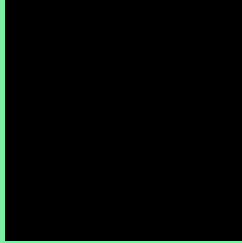
Any Text WCAG AA ✓ Pass

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, 237, 165 Background



This preview shows how black text looks on a background with the RGB color 126, 237, 165.



This preview shows how white text looks on a background with the RGB color 126, 237, 165.

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





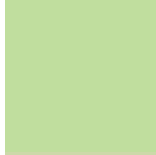
Tritanopia
145, 227, 245

Trichromacy



Original Color

126, 237, 165



Protanomaly

192, 222, 158



Deuteranomaly

204, 217, 169



Tritanomaly

138, 231, 216

Monochromacy



Original Color

126, 237, 165



Achromatopsia

196, 196, 196



Achromatomaly

171, 211, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 237, 165 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, 237, 165)` looks like.

```
.text, #text, p{  
    color:rgb(126, 237, 165)  
}
```

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, 237, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 237, 165) }
```

Border

The CSS property to change the border of an element to RGB 126, 237, 165 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, 237, 165) }
```

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

```
.border{ border-color:rgb(126, 237, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 237, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 237, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 237, 165);  
box-shadow:4px 4px 4px 4px rgb(126, 237,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 126, 237, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 237, 165) }
```

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

```
.background{ background-color: rgb(126,  
237, 165) }
```

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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