

Converting Colors

RGB(127, 217, 132)

Have a look what the booklet for
RGB(127, 217, 132) contains.

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Color

RGB(127, 217, 132)

Conversions

Conversions Part 1

Format	Color
Hex	7FD984
RGB	127, 217, 132
RGB Percent	50%, 85%, 52%
CMY	0.5020, 0.1490, 0.4824
CMYK	0.41, 0.00, 0.39, 0.15
HSL	123°, 54%, 67%
HSV	123°, 41%, 85%
XYZ	37.7301, 55.8037, 30.6124
YIQ	180.4000, -26.3550, -45.5150

Conversions

Conversions Part 2

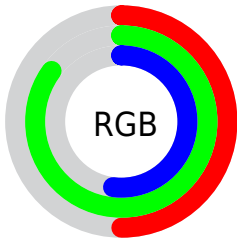
Format	Color
RYB	127, 212, 217
Decimal	8378756
CIELab	79.50, -44.18, 33.64
CIELCh	80, 55.526, 142.714
Yxy	55.8037, 0.3039, 0.4495
Android (android.graphics.Color)	4286568836 (0xFF7FD984)
YUV	180.4000, -23.8612, -46.8318
Hunter-Lab	74.7019, -40.5722, 27.9946

Details

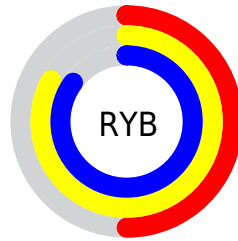
The RGB color **127, 217, 132** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **217, 127, 212**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **183, 255, 186**, and **71, 161, 81** is the 20% darker color. If you saturate the color by 10%, you get **105, 217, 112**, and if you desaturate by 10%, it is **149, 217, 152**.

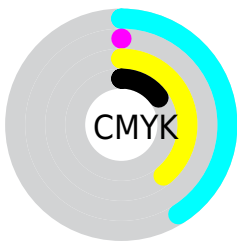
Distribution



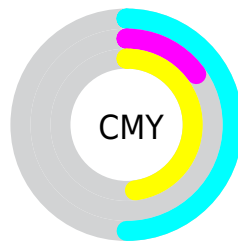
- Red (50%)
- Green (85%)
- Blue (52%)



- Red (50%)
- Yellow (83%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (39%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 217, 132 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 127, 217, 132 by changing the saturation by 10% instead.

 127, 217, 132


255, 255, 255


 183, 255, 186


 212, 255, 214


 242, 255, 243

 127, 217, 132

 99, 189, 106

 71, 161, 81

 41, 135, 57

 0, 109, 33

 0, 84, 7

 0, 59, 0

 0, 39, 0

 0, 0, 0

 127, 217, 132

 127, 217, 132

 105, 217, 112

 149, 217, 152

 84, 217, 91

 170, 217, 173

 62, 217, 71

 192, 217, 193

 40, 217, 50

 214, 217, 214

 19, 217, 30

 235, 217, 234

 0, 217, 12

 255, 217, 255

 255, 217, 255

Harmonies

Analogous

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



189, 206, 98



127, 217, 132



0, 223, 182

Triad

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



127, 217, 132



66, 206, 255



255, 156, 160

Complementary

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



127, 217, 132



217, 127, 212

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, 155, 212



127, 217, 132



181, 188, 255

Square

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



127, 217, 132



0, 218, 255



249, 168, 255



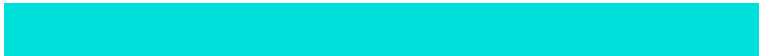
255, 171, 116

Rectangle

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



127, 217, 132



0, 223, 218



249, 168, 255



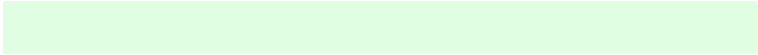
255, 154, 177

Sweetspot

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



127, 217, 132



224, 255, 226



213, 217, 127



110, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



127, 217, 132



128, 255, 135



127, 217, 177



99, 110, 99



0, 173, 10



0, 46, 3

Inverse Universe

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



217, 127, 212



255, 128, 248



217, 127, 167



110, 99, 109



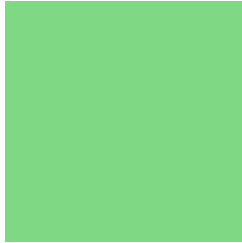
173, 0, 164



46, 0, 43

Previews

White Background



This preview shows how the RGB color 127, 217, 132 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 127, 217, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

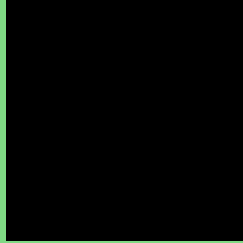
Any Text WCAG AA ✓ Pass

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 127, 217, 132 Background



This preview shows how black text looks on a background with the RGB color 127, 217, 132.

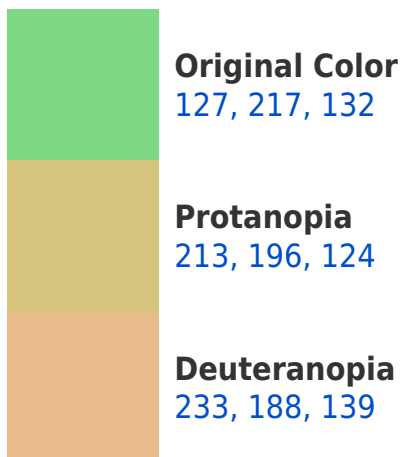


This preview shows how white text looks on a background with the RGB color 127, 217, 132.

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, 206, 223

Trichromacy



Original Color

127, 217, 132



Protanomaly

182, 204, 127



Deuteranomaly

194, 199, 136



Tritanomaly

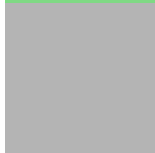
138, 210, 190

Monochromacy



Original Color

127, 217, 132



Achromatopsia

180, 180, 180



Achromatomaly

161, 193, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 217, 132 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(127, 217, 132)` looks like.

```
.text, #text, p{  
    color:rgb(127, 217, 132)  
}
```

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(127, 217, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 217, 132) }
```

Border

The CSS property to change the border of an element to RGB 127, 217, 132 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(127, 217, 132) }
```

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

```
.border{ border-color:rgb(127, 217, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 217, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 217, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 217, 132);  
box-shadow:4px 4px 4px 4px rgb(127, 217,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 127, 217, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 217, 132) }
```

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

```
.background{ background-color: rgb(127,  
217, 132) }
```

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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