

Converting Colors

RGB(97, 242, 170)

Have a look what the booklet for
RGB(97, 242, 170) contains.

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Color

RGB(97, 242, 170)

Conversions

Conversions Part 1

Format	Color
Hex	61F2AA
RGB	97, 242, 170
RGB Percent	38%, 95%, 67%
CMY	0.6196, 0.0510, 0.3333
CMYK	0.60, 0.00, 0.30, 0.05
HSL	150°, 85%, 66%
HSV	150°, 60%, 95%
XYZ	43.9376, 68.9479, 49.0227
YIQ	190.4370, -63.3080, -53.1320

Conversions

Conversions Part 2

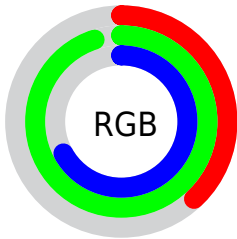
Format	Color
RYB	97, 193, 242
Decimal	6419114
CIELab	86.48, -55.11, 23.40
CIElCh	86, 59.871, 156.995
Yxy	68.9479, 0.2714, 0.4258
Android (android.graphics.Color)	4284609194 (0xFF61F2AA)
YUV	190.4370, -10.0754, -81.9442
Hunter-Lab	83.0349, -50.8585, 23.1204

Details

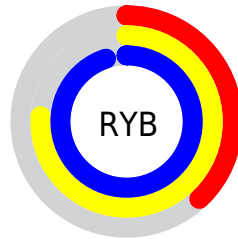
The RGB color **97, 242, 170** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **242, 97, 169**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **159, 255, 226**, and **5, 185, 117** is the 20% darker color. If you saturate the color by 10%, you get **73, 242, 158**, and if you desaturate by 10%, it is **121, 242, 182**.

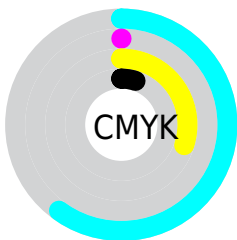
Distribution



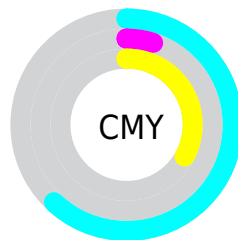
- Red (38%)
- Green (95%)
- Blue (67%)



- Red (38%)
- Yellow (76%)
- Blue (95%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (5%)

















- Cyan (62%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 242, 170 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 97, 242, 170 by changing the saturation by 10% instead.

 97, 242, 170	 97, 242, 170
 255, 255, 255	 63, 213, 143
 159, 255, 226	 5, 185, 117
 189, 255, 254	 0, 157, 92
 219, 255, 255	 0, 130, 68
 250, 255, 255	 0, 104, 45
	 0, 79, 23
	 0, 55, 0
	 0, 31, 0
	 0, 0, 0

 97, 242, 170

 97, 242, 170

 73, 242, 158

 121, 242, 182

 49, 242, 146

 145, 242, 194

 24, 242, 134

 170, 242, 206

 0, 242, 122

 194, 242, 218

 0, 242, 122

 218, 242, 230

 242, 242, 242

 255, 242, 254

 255, 242, 255

Harmonies

Analogous

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



177, 233, 122



97, 242, 170



0, 245, 228

Triad

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



97, 242, 170



144, 218, 255



255, 178, 151

Complementary

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



97, 242, 170



242, 97, 169

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, 168, 205



97, 242, 170



238, 196, 255

Square

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



97, 242, 170



0, 234, 255



255, 176, 255



255, 198, 111

Rectangle

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



97, 242, 170



0, 245, 255



255, 176, 255



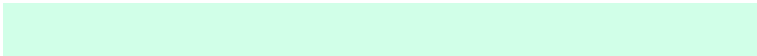
255, 173, 168

Sweetspot

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



97, 242, 170



209, 255, 232



169, 242, 97



99, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



97, 242, 170



71, 255, 164



97, 242, 242



108, 120, 114



0, 184, 92



0, 56, 28

Inverse Universe

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



242, 97, 169



255, 71, 163



242, 97, 97



120, 108, 114



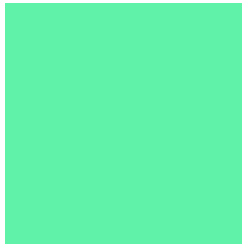
184, 0, 91



56, 0, 28

Previews

White Background



This preview shows how the RGB color 97, 242, 170 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 97, 242, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

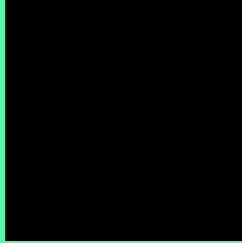
Any Text WCAG AA ✓ Pass

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 97, 242, 170 Background



This preview shows how black text looks on a background with the RGB color 97, 242, 170.

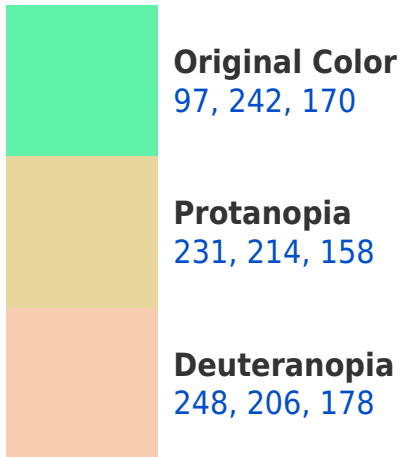


This preview shows how white text looks on a background with the RGB color 97, 242, 170.

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
123, 232, 250

Trichromacy



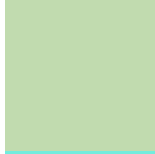
Original Color

97, 242, 170



Protanomaly

182, 224, 162



Deuteranomaly

193, 219, 175



Tritanomaly

114, 236, 221

Monochromacy



Original Color

97, 242, 170



Achromatopsia

190, 190, 190



Achromatomaly

156, 209, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 242, 170 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(97, 242, 170)` looks like.

```
.text, #text, p{  
    color:rgb(97, 242, 170)  
}
```

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(97, 242, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 242, 170) }
```

Border

The CSS property to change the border of an element to RGB 97, 242, 170 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(97, 242, 170) }
```

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

```
.border{ border-color:rgb(97, 242, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 242, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 242, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 242, 170);  
box-shadow:4px 4px 4px 4px rgb(97, 242,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 97, 242, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 242, 170) }
```

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

```
.background{ background-color: rgb(97, 242,  
170) }
```

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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