

Converting Colors

RGB(96, 242, 152)

Have a look what the booklet for
RGB(96, 242, 152) contains.

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Color

RGB(96, 242, 152)

Conversions

Conversions Part 1

Format	Color
Hex	60F298
RGB	96, 242, 152
RGB Percent	38%, 95%, 60%
CMY	0.6235, 0.0510, 0.4039
CMYK	0.60, 0.00, 0.37, 0.05
HSL	143°, 85%, 66%
HSV	143°, 60%, 95%
XYZ	42.2435, 68.2581, 40.6544
YIQ	188.0860, -58.1260, -58.9420

Conversions

Conversions Part 2

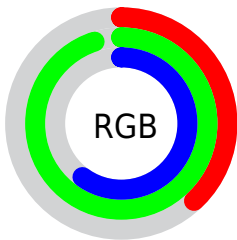
Format	Color
RYB	96, 202, 242
Decimal	6353560
CIELab	86.14, -58.67, 32.08
CIELCh	86, 66.864, 151.330
Yxy	68.2581, 0.2795, 0.4516
Android (android.graphics.Color)	4284543640 (0xFF60F298)
YUV	188.0860, -17.7904, -80.7594
Hunter-Lab	82.6184, -53.3137, 28.6578

Details

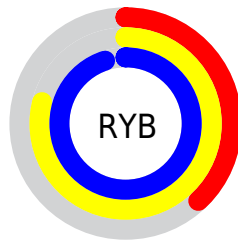
The RGB color **96, 242, 152** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **242, 96, 186**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **158, 255, 207**, and **0, 185, 100** is the 20% darker color. If you saturate the color by 10%, you get **72, 242, 137**, and if you desaturate by 10%, it is **120, 242, 167**.

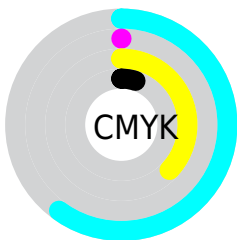
Distribution



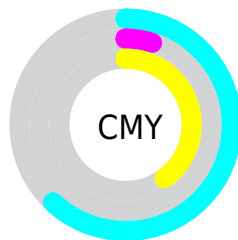
- Red (38%)
- Green (95%)
- Blue (60%)



- Red (38%)
- Yellow (79%)
- Blue (95%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (5%)



















- Cyan (62%)
- Magenta (5%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 96, 242, 152 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 96, 242, 152 by changing the saturation by 10% instead.

 96, 242, 152	 96, 242, 152
 255, 255, 255	 61, 213, 126
 158, 255, 207	 0, 185, 100
 188, 255, 235	 0, 157, 75
 219, 255, 255	 0, 130, 51
 249, 255, 255	 0, 104, 27
	 0, 78, 2
	 0, 54, 0
	 0, 30, 0
	 0, 0, 0

■ 96, 242, 152

■ 96, 242, 152

■ 72, 242, 137

■ 120, 242, 167

■ 48, 242, 122

■ 144, 242, 182

■ 23, 242, 107

■ 169, 242, 197

■ 0, 242, 93

■ 193, 242, 212

■ 217, 242, 227

■ 241, 242, 242

■ 255, 242, 255

Harmonies

Analogous

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



184, 231, 101



96, 242, 152



0, 247, 216

Triad

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



96, 242, 152



90, 221, 255



255, 168, 153

Complementary

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



96, 242, 152



242, 96, 186

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, 160, 215



96, 242, 152



222, 198, 255

Square

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



96, 242, 152



0, 238, 255



255, 173, 255



255, 190, 104

Rectangle

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



96, 242, 152



0, 247, 255



255, 173, 255



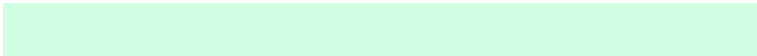
255, 163, 173

Sweetspot

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



96, 242, 152



209, 255, 227



186, 242, 96



99, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



96, 242, 152



71, 255, 142



96, 242, 225



108, 120, 112



0, 184, 70



0, 56, 22

Inverse Universe

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



242, 96, 186



255, 71, 185



242, 96, 113



120, 108, 115



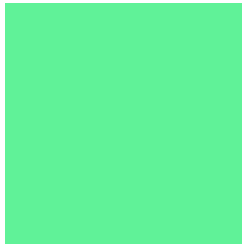
184, 0, 113



56, 0, 35

Previews

White Background



This preview shows how the RGB color 96, 242, 152 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 96, 242, 152 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 96, 242, 152 Background



This preview shows how black text looks on a background with the RGB color 96, 242, 152.

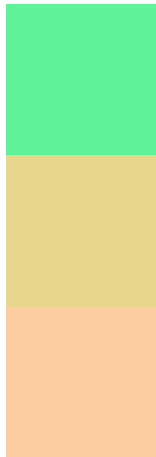


This preview shows how white text looks on a background with the RGB color 96, 242, 152.

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
96, 242, 152

Protanopia
232, 214, 140

Deuteranopia
252, 205, 160



Tritanopia
125, 230, 249

Trichromacy



Original Color

96, 242, 152



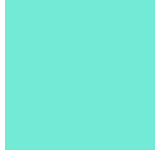
Protanomaly

183, 224, 144



Deuteranomaly

195, 218, 157



Tritanomaly

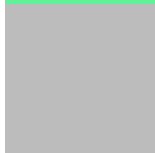
114, 234, 214

Monochromacy



Original Color

96, 242, 152



Achromatopsia

188, 188, 188



Achromatomaly

155, 208, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 96, 242, 152 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(96, 242, 152)` looks like.

```
.text, #text, p{  
    color:rgb(96, 242, 152)  
}
```

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(96, 242, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 242, 152) }
```

Border

The CSS property to change the border of an element to RGB 96, 242, 152 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(96, 242, 152) }
```

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

```
.border{ border-color:rgb(96, 242, 152) }
```

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

Here you see how a box with a 4 pixel rgb(96, 242, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 242, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 242, 152);  
box-shadow:4px 4px 4px 4px rgb(96, 242,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 96, 242, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 242, 152) }
```

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

```
.background{ background-color: rgb(96, 242,  
152) }
```

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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