

Converting Colors

RGB(99, 242, 240)

Have a look what the booklet for
RGB(99, 242, 240) contains.

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Color

RGB(99, 242, 240)

Conversions

Conversions Part 1

Format	Color
Hex	63F2F0
RGB	99, 242, 240
RGB Percent	39%, 95%, 94%
CMY	0.6118, 0.0510, 0.0588
CMYK	0.59, 0.00, 0.01, 0.05
HSL	179°, 85%, 67%
HSV	179°, 59%, 95%
XYZ	52.6259, 72.4482, 93.6483
YIQ	199.0150, -84.5860, -30.9380

Conversions

Conversions Part 2

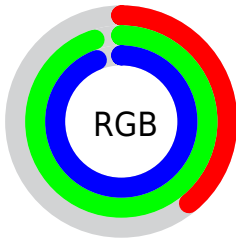
Format	Color
R _Y B	99, 171, 242
Decimal	6550256
CIE Lab	88.18, -38.50, -10.57
CIE LCh	88, 39.921, 195.357
Yxy	72.4482, 0.2406, 0.3312
Android (android.graphics.Color)	4284740336 (0xFF63F2F0)
YUV	199.0150, 20.2056, -87.7132
Hunter-Lab	85.1165, -38.5907, -5.6515

Details

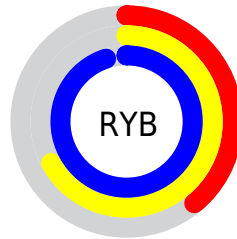
The RGB color **99, 242, 240** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **242, 99, 101**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **163, 255, 255**, and **0, 185, 184** is the 20% darker color. If you saturate the color by 10%, you get **75, 242, 240**, and if you desaturate by 10%, it is **123, 242, 240**.

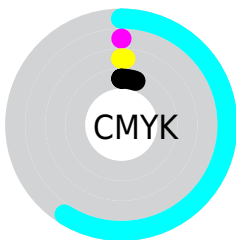
Distribution



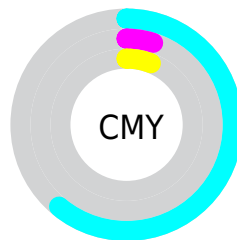
- Red (39%)
- Green (95%)
- Blue (94%)



- Red (39%)
- Yellow (67%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)


















- Cyan (61%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 99, 242, 240 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 99, 242, 240 by changing the saturation by 10% instead.

 99, 242, 240	 99, 242, 240
 255, 255, 255	 62, 213, 212
 163, 255, 255	 0, 185, 184
 194, 255, 255	 0, 158, 157
 224, 255, 255	 0, 131, 131
	 0, 106, 106
	 0, 81, 82
	 0, 57, 59
	 0, 36, 37
	 0, 1, 17

 99, 242, 240

 99, 242, 240

 75, 242, 240

 123, 242, 240

 51, 242, 239

 147, 242, 241

 26, 242, 239

 172, 242, 241

 2, 242, 239

 196, 242, 241

 0, 242, 239

 220, 242, 242

 244, 242, 242

 255, 242, 242

 255, 242, 243

 255, 242, 243

Harmonies

Analogous

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



139, 241, 201



99, 242, 240



95, 239, 255

Triad

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



99, 242, 240



251, 205, 255



255, 212, 148

Complementary

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



99, 242, 240



242, 99, 101

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, 200, 169



99, 242, 240



255, 195, 241

Square

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



99, 242, 240



200, 218, 255



255, 193, 203



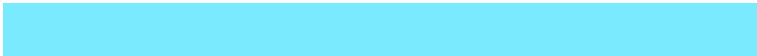
228, 225, 147

Rectangle

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



99, 242, 240



122, 234, 255



255, 193, 203



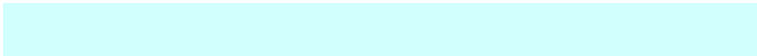
255, 208, 153

Sweetspot

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



99, 242, 240



209, 255, 254



101, 242, 99



99, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



99, 242, 240



74, 255, 252



99, 173, 242



108, 120, 120



0, 184, 181



0, 56, 55

Inverse Universe

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



242, 99, 101



255, 74, 76



242, 168, 99



120, 108, 108



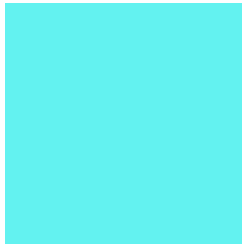
184, 0, 3



56, 0, 1

Previews

White Background



This preview shows how the RGB color 99, 242, 240 looks on a white background.

Color Contrast Check

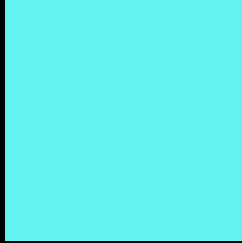
Large Text (above 18pt) WCAG AA × Fail

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 99, 242, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

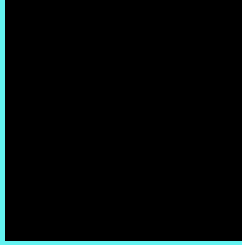
Any Text WCAG AA ✓ Pass

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 99, 242, 240 Background



This preview shows how black text looks on a background with the RGB color 99, 242, 240.

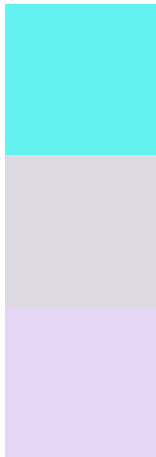


This preview shows how white text looks on a background with the RGB color 99, 242, 240.

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
99, 242, 240

Protanopia
222, 218, 226

Deuteranopia
229, 214, 246



Tritanopia
124, 237, 255

Trichromacy



Original Color

99, 242, 240



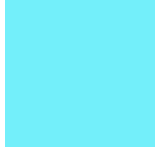
Protanomaly

177, 227, 231



Deuteranomaly

182, 224, 244



Tritanomaly

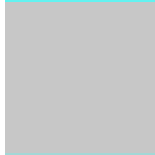
115, 239, 250

Monochromacy



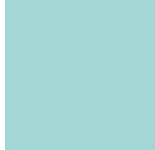
Original Color

99, 242, 240



Achromatopsia

199, 199, 199



Achromatomaly

163, 215, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 99, 242, 240 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(99, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(99, 242, 240)  
}
```

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(99, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 242, 240) }
```

Border

The CSS property to change the border of an element to RGB 99, 242, 240 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(99, 242, 240) }
```

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

```
.border{ border-color:rgb(99, 242, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(99, 242,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 99, 242, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 242, 240) }
```

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

```
.background{ background-color: rgb(99, 242,  
240) }
```

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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