

Converting Colors

RGB(106, 252, 242)

Have a look what the booklet for
RGB(106, 252, 242) contains.

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Color

RGB(106, 252, 242)

Conversions

Conversions Part 1

Format	Color
Hex	6AFCF2
RGB	106, 252, 242
RGB Percent	42%, 99%, 95%
CMY	0.5843, 0.0118, 0.0510
CMYK	0.58, 0.00, 0.04, 0.01
HSL	176°, 96%, 70%
HSV	176°, 58%, 99%
XYZ	56.7813, 79.0958, 96.2787
YIQ	207.2060, -83.8060, -34.0620

Conversions

Conversions Part 2

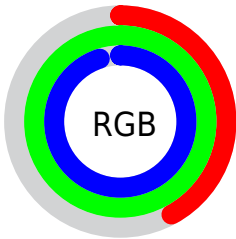
Format	Color
RYB	106, 182, 252
Decimal	7011570
CIELab	91.28, -41.30, -7.00
CIELCh	91, 41.886, 189.624
Yxy	79.0958, 0.2446, 0.3407
Android (android.graphics.Color)	4285201650 (0xFF6AFCF2)
YUV	207.2060, 17.1534, -88.7577
Hunter-Lab	88.9358, -41.6739, -1.9302

Details

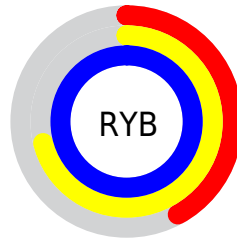
The RGB color **106, 252, 242** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **252, 106, 116**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **169, 255, 255**, and **17, 195, 186** is the 20% darker color. If you saturate the color by 10%, you get **81, 252, 240**, and if you desaturate by 10%, it is **131, 252, 244**.

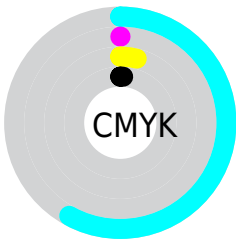
Distribution



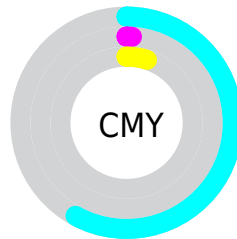
- Red (42%)
- Green (99%)
- Blue (95%)



- Red (42%)
- Yellow (71%)
- Blue (99%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (58%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 252, 242 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 106, 252, 242 by changing the saturation by 10% instead.

 106, 252, 242

255, 255, 255


 169, 255, 255

 200, 255, 255

 231, 255, 255

 106, 252, 242


 71, 223, 214

 17, 195, 186

 0, 167, 159


 0, 140, 133

 0, 114, 108

 0, 89, 84

 0, 64, 61

 0, 42, 39


 0, 10, 19

 106, 252, 242

 106, 252, 242

 81, 252, 240

 131, 252, 244

 56, 252, 239

 156, 252, 245

 30, 252, 237

 182, 252, 247

 5, 252, 235

 207, 252, 249

 0, 252, 235

 232, 252, 251

 255, 252, 252

 255, 252, 254

 255, 252, 255

Harmonies

Analogous

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



152, 250, 201



106, 252, 242



90, 249, 255

Triad

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



106, 252, 242



252, 215, 255



255, 218, 155

Complementary

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



106, 252, 242



252, 106, 116

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, 206, 181



106, 252, 242



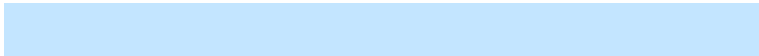
255, 203, 255

Square

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



106, 252, 242



195, 229, 255



255, 199, 218



245, 232, 150

Rectangle

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



106, 252, 242



114, 245, 255



255, 199, 218



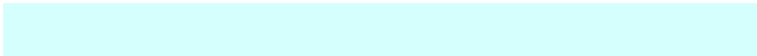
255, 214, 162

Sweetspot

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



106, 252, 242



212, 255, 252



118, 252, 106



102, 128, 126



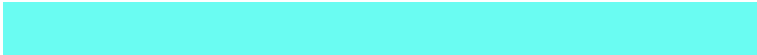
0, 0, 0



128, 128, 128

Same Dimension

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



106, 252, 242



77, 255, 243



106, 191, 252



112, 125, 124



0, 189, 176



0, 61, 57

Inverse Universe

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



252, 106, 116



255, 77, 89



252, 167, 106



125, 112, 113



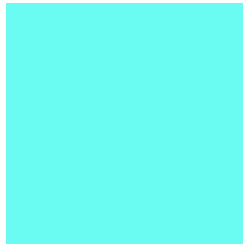
189, 0, 13



61, 0, 4

Previews

White Background



This preview shows how the RGB color 106, 252, 242 looks on a white background.

Color Contrast Check

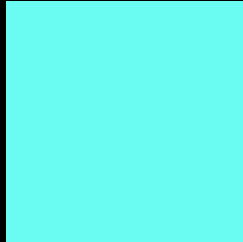
Large Text (above 18pt) WCAG AA × Fail

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 106, 252, 242 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 106, 252, 242 Background



This preview shows how black text looks on a background with the RGB color 106, 252, 242.



This preview shows how white text looks on a background with the RGB color 106, 252, 242.

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





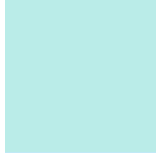
Tritanopia
166, 241, 255

Trichromacy



Original Color

106, 252, 242



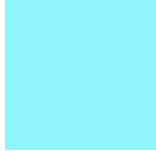
Protanomaly

186, 236, 232



Deuteranomaly

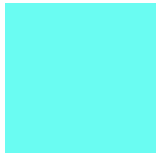
192, 233, 246



Tritanomaly

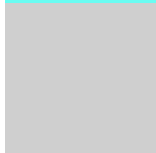
144, 245, 250

Monochromacy



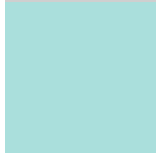
Original Color

106, 252, 242



Achromatopsia

207, 207, 207



Achromatomaly

170, 223, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 252, 242 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(106, 252, 242)` looks like.

```
.text, #text, p{  
    color:rgb(106, 252, 242)  
}
```

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(106, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 252, 242) }
```

Border

The CSS property to change the border of an element to RGB 106, 252, 242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

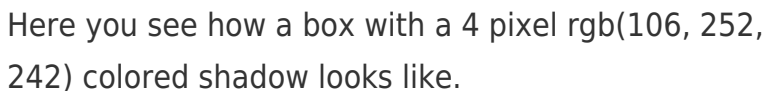
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 252, 242) }
```

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

```
.border{ border-color:rgb(106, 252, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 252, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 252, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 252, 242); box-shadow:4px 4px 4px 4px rgb(106, 252, 242) }
```

Background

The CSS property to change the background color of an element to RGB 106, 252, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 252, 242) }
```

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

```
.background{ background-color: rgb(106,  
252, 242) }
```

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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