

Converting Colors

RGB(102, 241, 206)

Have a look what the booklet for
RGB(102, 241, 206) contains.

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Color

RGB(102, 241, 206)

Conversions

Conversions Part 1

Format	Color
Hex	66F1CE
RGB	102, 241, 206
RGB Percent	40%, 95%, 81%
CMY	0.6000, 0.0549, 0.1922
CMYK	0.58, 0.00, 0.15, 0.05
HSL	165°, 83%, 67%
HSV	165°, 58%, 95%
XYZ	48.0754, 70.1916, 69.4070
YIQ	195.4490, -71.6090, -40.3530

Conversions

Conversions Part 2

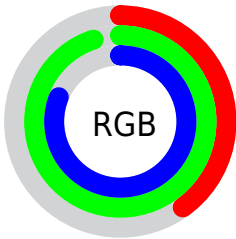
Format	Color
RYB	102, 182, 241
Decimal	6746574
CIELab	87.09, -45.98, 5.62
CIELCh	87, 46.318, 173.034
Yxy	70.1916, 0.2562, 0.3740
Android (android.graphics.Color)	4284936654 (0xFF66F1CE)
YUV	195.4490, 5.2016, -81.9548
Hunter-Lab	83.7804, -44.1879, 9.5281

Details

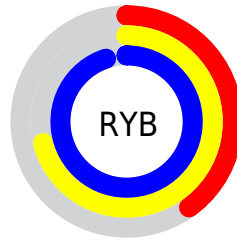
The RGB color **102, 241, 206** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **241, 102, 137**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **164, 255, 255**, and **21, 184, 152** is the 20% darker color. If you saturate the color by 10%, you get **78, 241, 200**, and if you desaturate by 10%, it is **126, 241, 212**.

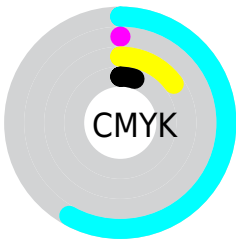
Distribution



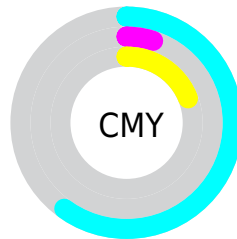
- Red (40%)
- Green (95%)
- Blue (81%)



- Red (40%)
- Yellow (71%)
- Blue (95%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (60%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 241, 206 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 102, 241, 206 by changing the saturation by 10% instead.

 102, 241, 206

255, 255, 255

 164, 255, 255


 194, 255, 255

 224, 255, 255

255, 255, 255


 102, 241, 206

 68, 212, 179

 21, 184, 152


 0, 157, 126

 0, 130, 101

 0, 104, 77

 0, 79, 54

 0, 55, 33

 0, 33, 11

 0, 0, 0

 102, 241, 206

 102, 241, 206

 78, 241, 200

 126, 241, 212

 54, 241, 194

 150, 241, 218

 30, 241, 188

 174, 241, 224

 6, 241, 182

 198, 241, 230

 0, 241, 180

 222, 241, 236

 247, 241, 242

 255, 241, 248

 255, 241, 255

 255, 241, 255

Harmonies

Analogous

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



161, 236, 164



102, 241, 206



23, 241, 251

Triad

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



102, 241, 206



208, 211, 255



255, 197, 149

Complementary

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



102, 241, 206



241, 102, 137

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, 186, 186



102, 241, 206



255, 195, 255

Square

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



102, 241, 206



135, 226, 255



255, 185, 230



255, 212, 130

Rectangle

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



102, 241, 206



9, 238, 255



255, 185, 230



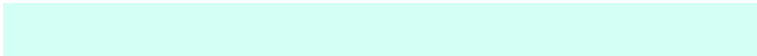
255, 192, 160

Sweetspot

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



102, 241, 206



212, 255, 244



139, 241, 102



102, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



102, 241, 206



79, 255, 211



102, 209, 241



108, 120, 117



0, 184, 137



0, 56, 42

Inverse Universe

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



241, 102, 137



255, 79, 123



241, 134, 102



120, 108, 111



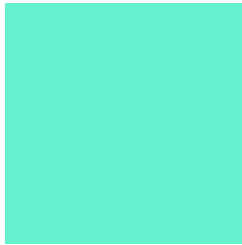
184, 0, 46



56, 0, 14

Previews

White Background



This preview shows how the RGB color 102, 241, 206 looks on a white background.

Color Contrast Check

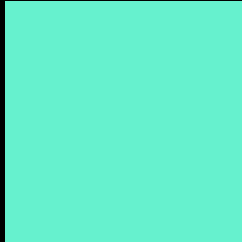
Large Text (above 18pt) WCAG AA × Fail

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 102, 241, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

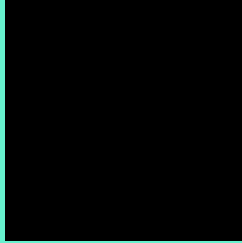
Any Text WCAG AA ✓ Pass

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 102, 241, 206 Background



This preview shows how black text looks on a background with the RGB color 102, 241, 206.

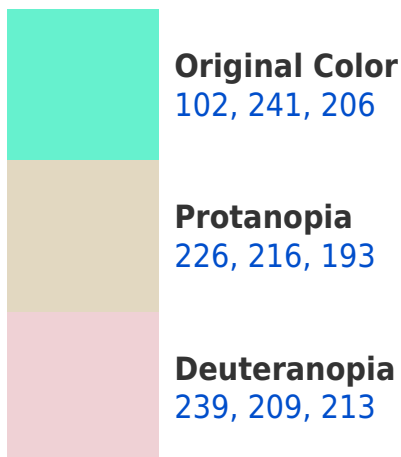


This preview shows how white text looks on a background with the RGB color 102, 241, 206.

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
119, 234, 253

Trichromacy



Original Color

102, 241, 206



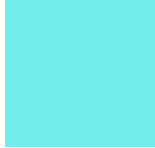
Protanomaly

181, 225, 198



Deuteranomaly

189, 221, 210



Tritanomaly

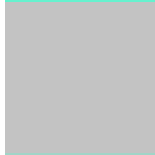
113, 237, 236

Monochromacy



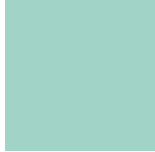
Original Color

102, 241, 206



Achromatopsia

195, 195, 195



Achromatomaly

161, 212, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 241, 206 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(102, 241, 206)` looks like.

```
.text, #text, p{  
    color:rgb(102, 241, 206)  
}
```

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(102, 241, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 241, 206) }
```

Border

The CSS property to change the border of an element to RGB 102, 241, 206 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(102, 241, 206) }
```

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

```
.border{ border-color:rgb(102, 241, 206) }
```

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

Here you see how a box with a 4 pixel rgb(102, 241, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 241, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 241, 206);  
box-shadow:4px 4px 4px 4px rgb(102, 241,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 102, 241, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 241, 206) }
```

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

```
.background{ background-color: rgb(102,  
241, 206) }
```

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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