

Converting Colors

RGB(102, 250, 223)

Have a look what the booklet for
RGB(102, 250, 223) contains.

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Color

RGB(102, 250, 223)

Conversions

Conversions Part 1

Format	Color
Hex	66FADF
RGB	102, 250, 223
RGB Percent	40%, 98%, 87%
CMY	0.6000, 0.0196, 0.1255
CMYK	0.59, 0.00, 0.11, 0.02
HSL	169°, 94%, 69%
HSV	169°, 59%, 98%
XYZ	52.9844, 76.5237, 81.7900
YIQ	202.6700, -79.5410, -39.7730

Conversions

Conversions Part 2

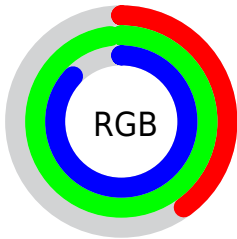
Format	Color
RYB	102, 183, 250
Decimal	6748895
CIELab	90.10, -45.83, 1.13
CIELCh	90, 45.847, 178.591
Yxy	76.5237, 0.2508, 0.3622
Android (android.graphics.Color)	4284938975 (0xFF66FADF)
YUV	202.6700, 10.0227, -88.2876
Hunter-Lab	87.4778, -44.9707, 5.7995

Details

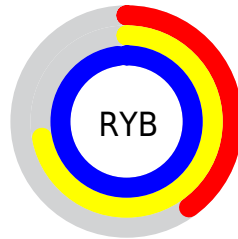
The RGB color **102, 250, 223** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **250, 102, 129**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **165, 255, 255**, and **8, 193, 168** is the 20% darker color. If you saturate the color by 10%, you get **77, 250, 218**, and if you desaturate by 10%, it is **127, 250, 228**.

Distribution



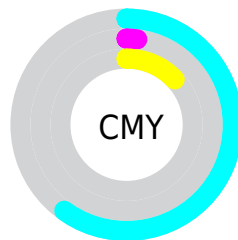
- Red (40%)
- Green (98%)
- Blue (87%)



- Red (40%)
- Yellow (72%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (2%)



- Cyan (60%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 250, 223 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, 250, 223 by changing the saturation by 10% instead.

 102, 250, 223

255, 255, 255

 165, 255, 255

 196, 255, 255

 226, 255, 255


 102, 250, 223


 67, 221, 195

 8, 193, 168

 0, 165, 142

 0, 138, 116

 0, 112, 91

 0, 86, 68

 0, 62, 46

 0, 41, 25

 0, 1, 0

 102, 250, 223

 102, 250, 223

 77, 250, 218

 127, 250, 228

 52, 250, 214

 152, 250, 232

 27, 250, 209

 177, 250, 237

 2, 250, 205

 202, 250, 241

 0, 250, 204

 227, 250, 246

 252, 250, 250

 255, 250, 255

 255, 250, 255

Harmonies

Analogous

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



160, 246, 180



102, 250, 223



47, 249, 255

Triad

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



102, 250, 223



229, 216, 255



255, 208, 153

Complementary

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



102, 250, 223



250, 102, 129

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, 196, 187



102, 250, 223



255, 201, 255

Square

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



102, 250, 223



160, 232, 255



255, 193, 230



255, 223, 138

Rectangle

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



102, 250, 223



60, 246, 255



255, 193, 230



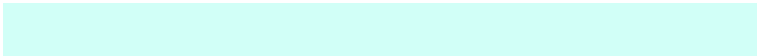
255, 203, 163

Sweetspot

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



102, 250, 223



209, 255, 247



129, 250, 102



99, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



102, 250, 223



74, 255, 222



102, 203, 250



112, 125, 123



0, 189, 154



0, 61, 50

Inverse Universe

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



250, 102, 129



255, 74, 107



250, 149, 102



125, 112, 115



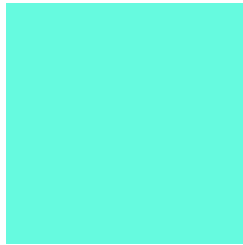
189, 0, 34



61, 0, 11

Previews

White Background



This preview shows how the RGB color 102, 250, 223 looks on a white background.

Color Contrast Check

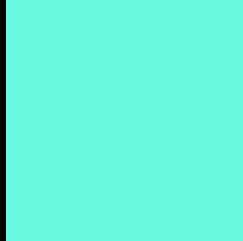
Large Text (above 18pt) WCAG AA × Fail

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, 250, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

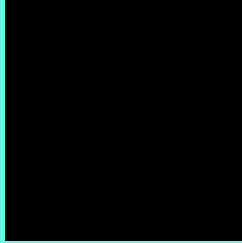
Any Text WCAG AA ✓ Pass

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, 250, 223 Background



This preview shows how black text looks on a background with the RGB color 102, 250, 223.

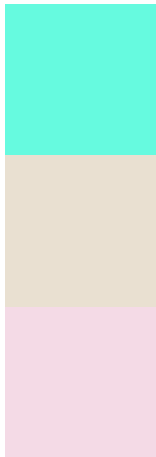


This preview shows how white text looks on a background with the RGB color 102, 250, 223.

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
102, 250, 223

Protanopia
233, 224, 209

Deuteranopia
244, 218, 230



Tritanopia
153, 240, 255

Trichromacy



Original Color

102, 250, 223



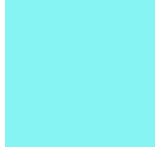
Protanomaly

185, 233, 214



Deuteranomaly

192, 230, 227



Tritanomaly

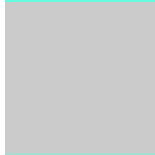
134, 244, 243

Monochromacy



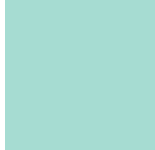
Original Color

102, 250, 223



Achromatopsia

203, 203, 203



Achromatomaly

166, 220, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 250, 223 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, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(102, 250, 223)  
}
```

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, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 250, 223) }
```

Border

The CSS property to change the border of an element to RGB 102, 250, 223 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, 250, 223) }
```

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

```
.border{ border-color:rgb(102, 250, 223) }
```

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

Here you see how a box with a 4 pixel rgb(102, 250, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 250, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 250, 223);  
box-shadow:4px 4px 4px 4px rgb(102, 250,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 102, 250, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 250, 223) }
```

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

```
.background{ background-color: rgb(102,  
250, 223) }
```

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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