

Converting Colors

RGB(123, 242, 220)

Have a look what the booklet for
RGB(123, 242, 220) contains.

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Color

RGB(123, 242, 220)

Conversions

Conversions Part 1

Format	Color
Hex	7BF2DC
RGB	123, 242, 220
RGB Percent	48%, 95%, 86%
CMY	0.5176, 0.0510, 0.1373
CMYK	0.49, 0.00, 0.09, 0.05
HSL	169°, 82%, 72%
HSV	169°, 49%, 95%
XYZ	52.8388, 72.8825, 78.9930
YIQ	203.9110, -63.8620, -32.0700

Conversions

Conversions Part 2

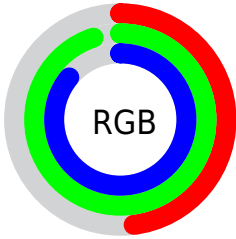
Format	Color
R_{YB}	123, 189, 242
Decimal	8123100
CIE _{Lab}	88.39, -38.84, 0.28
CIE _{LCh}	88, 38.839, 179.594
Yxy	72.8825, 0.2581, 0.3560
Android (android.graphics.Color)	4286313180 (0xFF7BF2DC)
YUV	203.9110, 7.9319, -70.9589
Hunter-Lab	85.3713, -38.9208, 4.8996

Details

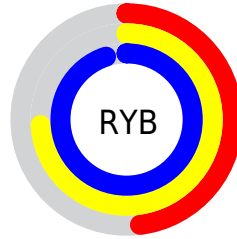
The RGB color **123, 242, 220** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **242, 123, 145**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **182, 255, 255**, and **60, 185, 165** is the 20% darker color. If you saturate the color by 10%, you get **99, 242, 216**, and if you desaturate by 10%, it is **147, 242, 224**.

Distribution



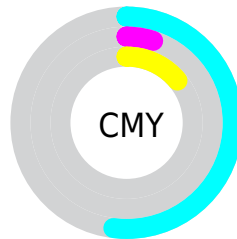
- Red (48%)
- Green (95%)
- Blue (86%)



- Red (48%)
- Yellow (74%)
- Blue (95%)



- Cyan (49%)
- Magenta (0%)
- Yellow (9%)
- Black (5%)



- Cyan (52%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 242, 220 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 123, 242, 220 by changing the saturation by 10% instead.

 123, 242, 220

255, 255, 255


 182, 255, 255


 212, 255, 255

 242, 255, 255

 123, 242, 220


 93, 213, 192

 60, 185, 165


 12, 158, 139

 0, 131, 113

 0, 106, 89

 0, 81, 66

 0, 57, 44

 0, 36, 23

 0, 0, 0

 123, 242, 220

 123, 242, 220

 99, 242, 216

 147, 242, 224

 75, 242, 211

 171, 242, 229

 50, 242, 207

 196, 242, 233

 26, 242, 202

 220, 242, 238

 2, 242, 198

 244, 242, 242

 0, 242, 197

 255, 242, 247

 255, 242, 251

 255, 242, 255

Harmonies

Analogous

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



166, 238, 183



123, 242, 220



97, 241, 255

Triad

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



123, 242, 220



226, 212, 255



255, 207, 159

Complementary

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



123, 242, 220



242, 123, 145

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, 197, 187



123, 242, 220



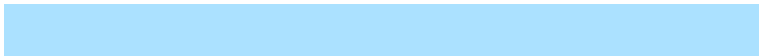
255, 200, 255

Square

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



123, 242, 220



171, 225, 255



255, 194, 224



248, 219, 148

Rectangle

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



123, 242, 220



106, 238, 255



255, 194, 224



255, 203, 167

Sweetspot

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



123, 242, 220



217, 255, 248



147, 242, 123



105, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



123, 242, 220



105, 255, 227



123, 206, 242



108, 120, 118



0, 184, 150



0, 56, 46

Inverse Universe

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



242, 123, 145



255, 105, 132



242, 159, 123



120, 108, 110



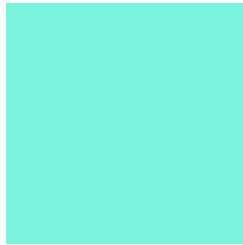
184, 0, 34



56, 0, 10

Previews

White Background



This preview shows how the RGB color 123, 242, 220 looks on a white background.

Color Contrast Check

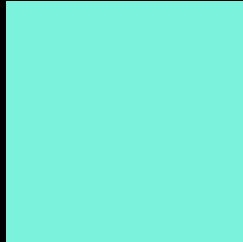
Large Text (above 18pt) WCAG AA × Fail

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 123, 242, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

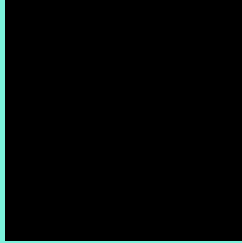
Any Text WCAG AA ✓ Pass

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 123, 242, 220 Background



This preview shows how black text looks on a background with the RGB color 123, 242, 220.



This preview shows how white text looks on a background with the RGB color 123, 242, 220.

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





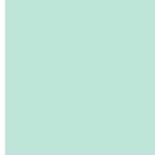
Tritanopia
137, 236, 255

Trichromacy



Original Color

123, 242, 220



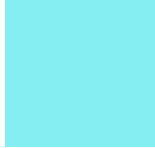
Protanomaly

189, 228, 212



Deuteranomaly

197, 224, 224



Tritanomaly

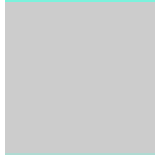
132, 238, 242

Monochromacy



Original Color

123, 242, 220



Achromatopsia

204, 204, 204



Achromatomaly

175, 218, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 242, 220 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(123, 242, 220)` looks like.

```
.text, #text, p{  
    color:rgb(123, 242, 220)  
}
```

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(123, 242, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 242, 220) }
```

Border

The CSS property to change the border of an element to RGB 123, 242, 220 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(123, 242, 220) }
```

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

```
.border{ border-color:rgb(123, 242, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 242, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 242, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 242, 220);  
box-shadow:4px 4px 4px 4px rgb(123, 242,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 123, 242, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 242, 220) }
```

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

```
.background{ background-color: rgb(123,  
242, 220) }
```

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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