

Converting Colors

RGB(83, 226, 252)

Have a look what the booklet for
RGB(83, 226, 252) contains.

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Color

RGB(83, 226, 252)

Conversions

Conversions Part 1

Format	Color
Hex	53E2FC
RGB	83, 226, 252
RGB Percent	33%, 89%, 99%
CMY	0.6745, 0.1137, 0.0118
CMYK	0.67, 0.10, 0.00, 0.01
HSL	189°, 97%, 66%
HSV	189°, 67%, 99%
XYZ	48.3343, 63.2600, 101.7584
YIQ	186.2070, -93.5740, -22.2300

Conversions

Conversions Part 2

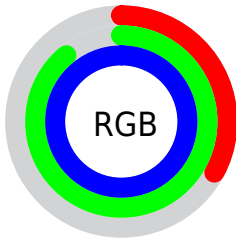
Format	Color
R _Y B	83, 160, 252
Decimal	5497596
CIE Lab	83.58, -30.13, -23.85
CIE LCh	84, 38.424, 218.370
Yxy	63.2600, 0.2265, 0.2965
Android (android.graphics.Color)	4283687676 (0xFF53E2FC)
YUV	186.2070, 32.4359, -90.5125
Hunter-Lab	79.5361, -30.7133, -20.1802

Details

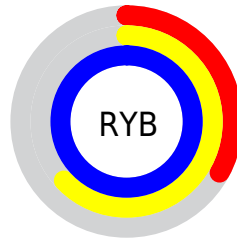
The RGB color **83, 226, 252** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **252, 109, 83**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **150, 255, 255**, and **0, 170, 195** is the 20% darker color. If you saturate the color by 10%, you get **58, 222, 252**, and if you desaturate by 10%, it is **108, 230, 252**.

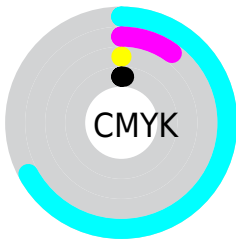
Distribution



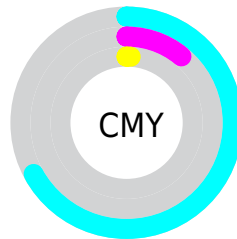
- Red (33%)
- Green (89%)
- Blue (99%)



- Red (33%)
- Yellow (63%)
- Blue (99%)



- Cyan (67%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (67%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 83, 226, 252 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 83, 226, 252 by changing the saturation by 10% instead.



83, 226, 252



83, 226, 252

255, 255, 255



38, 198, 223



150, 255, 255



0, 170, 195



182, 255, 255



0, 144, 168



213, 255, 255



0, 118, 142



244, 255, 255



0, 93, 116



0, 68, 91



0, 45, 68



0, 23, 45



0, 1, 25

■ 83, 226, 252

■ 83, 226, 252

■ 58, 222, 252

■ 108, 230, 252

■ 33, 218, 252

■ 133, 234, 252

■ 7, 214, 252

■ 159, 238, 252

■ 0, 213, 252

■ 184, 242, 252

■ 209, 245, 252

■ 234, 249, 252

■ 255, 253, 252

255, 255, 252

Harmonies

Analogous

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



99, 228, 218



83, 226, 252



119, 219, 255

Triad

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



83, 226, 252



255, 185, 236



223, 209, 136

Complementary

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



83, 226, 252



252, 109, 83

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, 142



83, 226, 252



255, 181, 199

Square

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



83, 226, 252



226, 195, 255



255, 186, 165



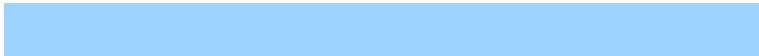
183, 219, 151

Rectangle

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



83, 226, 252



156, 212, 255



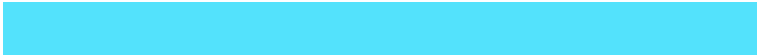
255, 186, 165



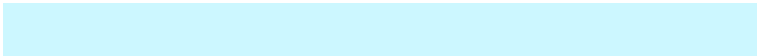
235, 205, 136

Sweetspot

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



83, 226, 252



204, 247, 255



83, 252, 108



97, 123, 128



0, 0, 0



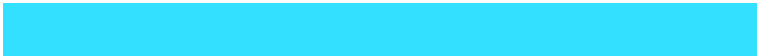
128, 128, 128

Same Dimension

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



83, 226, 252



51, 224, 255



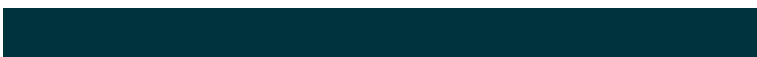
83, 142, 252



112, 123, 125



0, 160, 189



0, 52, 61

Inverse Universe

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



252, 83, 226



255, 51, 224



252, 193, 83



125, 112, 123



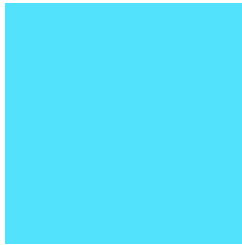
189, 0, 160



61, 0, 52

Previews

White Background



This preview shows how the RGB color 83, 226, 252 looks on a white background.

Color Contrast Check

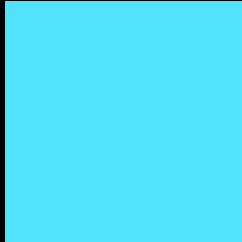
Large Text (above 18pt) WCAG AA × Fail

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 83, 226, 252 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 83, 226, 252 Background



This preview shows how black text looks on a background with the RGB color 83, 226, 252.

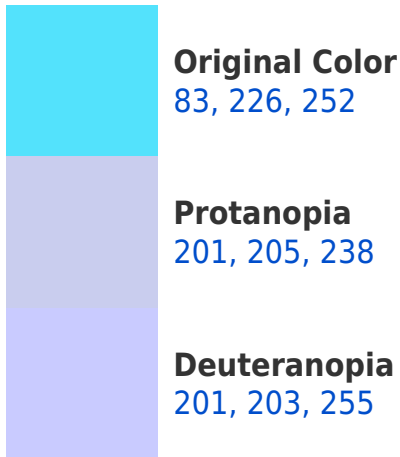


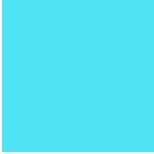
This preview shows how white text looks on a background with the RGB color 83, 226, 252.

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
79, 227, 245

Trichromacy



Original Color
83, 226, 252



Protanomaly
158, 213, 243



Deuteranomaly
158, 211, 254

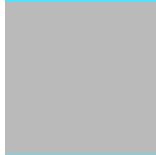


Tritanomaly
80, 227, 248

Monochromacy



Original Color
83, 226, 252



Achromatopsia
186, 186, 186



Achromatomaly
149, 201, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 83, 226, 252 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(83, 226, 252) looks like.

```
.text, #text, p{  
    color:rgb(83, 226, 252)  
}
```

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(83, 226, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 226, 252) }
```

Border

The CSS property to change the border of an element to RGB 83, 226, 252 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(83, 226, 252) }
```

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

```
.border{ border-color:rgb(83, 226, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 226, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 226, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 226, 252);  
box-shadow:4px 4px 4px 4px rgb(83, 226,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 83, 226, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 226, 252) }
```

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

```
.background{ background-color: rgb(83, 226,  
252) }
```

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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