

Converting Colors

RGB(107, 226, 253)

Have a look what the booklet for
RGB(107, 226, 253) contains.

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Color

RGB(107, 226, 253)

Conversions

Conversions Part 1

Format	Color
Hex	6BE2FD
RGB	107, 226, 253
RGB Percent	42%, 89%, 99%
CMY	0.5804, 0.1137, 0.0078
CMYK	0.58, 0.11, 0.00, 0.01
HSL	191°, 97%, 71%
HSV	191°, 58%, 99%
XYZ	50.9894, 64.6104, 102.7121
YIQ	193.4970, -79.5910, -16.8310

Conversions

Conversions Part 2

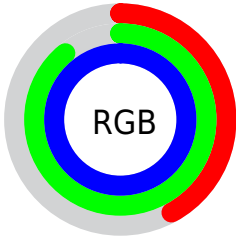
Format	Color
RYB	107, 173, 253
Decimal	7070461
CIELab	84.28, -25.98, -23.25
CIELCh	84, 34.863, 221.822
Yxy	64.6104, 0.2336, 0.2960
Android (android.graphics.Color)	4285260541 (0xFF6BE2FD)
YUV	193.4970, 29.3350, -75.8579
Hunter-Lab	80.3806, -27.4346, -19.4957

Details

The RGB color **107, 226, 253** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **253, 134, 107**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **169, 255, 255**, and **28, 170, 196** is the 20% darker color. If you saturate the color by 10%, you get **82, 221, 253**, and if you desaturate by 10%, it is **132, 231, 253**.

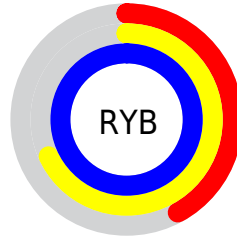
Distribution



Red (42%)

Green (89%)

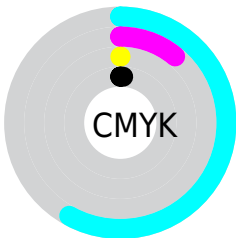
Blue (99%)



Red (42%)

Yellow (68%)

Blue (99%)

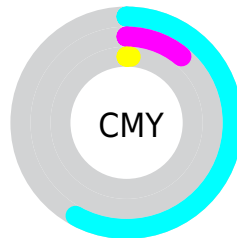


Cyan (58%)

Magenta (11%)

Yellow (0%)

Black (1%)



Cyan (58%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 226, 253 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 107, 226, 253 by changing the saturation by 10% instead.

 107, 226, 253


255, 255, 255


 169, 255, 255

 199, 255, 255


 230, 255, 255

 107, 226, 253

 73, 198, 224

 28, 170, 196

 0, 144, 169

 0, 118, 143

 0, 93, 117

 0, 69, 92

 0, 46, 69

 0, 25, 46

 0, 1, 25

■ 107, 226, 253

■ 107, 226, 253

■ 82, 221, 253

■ 132, 231, 253

■ 56, 217, 253

■ 158, 235, 253

■ 31, 212, 253

■ 183, 240, 253

■ 6, 207, 253

■ 208, 245, 253

■ 0, 206, 253

■ 234, 249, 253

255, 254, 253

255, 255, 253

Harmonies

Analogous

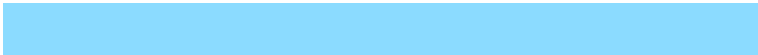
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



113, 229, 223



107, 226, 253



139, 219, 255

Triad

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



107, 226, 253



255, 188, 232



220, 212, 145

Complementary

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



107, 226, 253



253, 134, 107

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.



251, 201, 148



107, 226, 253



255, 186, 198

Square

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



107, 226, 253



231, 197, 255



255, 191, 168



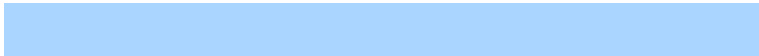
184, 221, 160

Rectangle

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



107, 226, 253



170, 213, 255



255, 191, 168



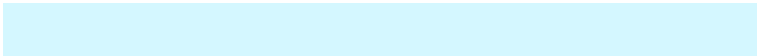
232, 209, 144

Sweetspot

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



107, 226, 253



212, 247, 255



107, 253, 134



102, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



107, 226, 253



79, 222, 255



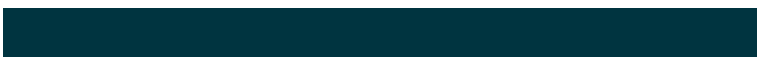
107, 153, 253



115, 125, 128



0, 156, 191



0, 52, 64

Inverse Universe

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



253, 107, 226



255, 79, 222



253, 207, 107



128, 115, 125



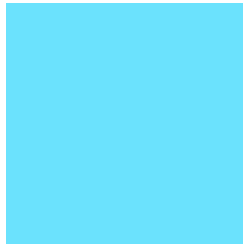
191, 0, 156



64, 0, 52

Previews

White Background



This preview shows how the RGB color 107, 226, 253 looks on a white background.

Color Contrast Check

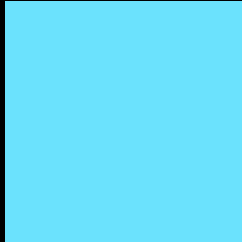
Large Text (above 18pt) WCAG AA × Fail

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 107, 226, 253 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 107, 226, 253 Background



This preview shows how black text looks on a background with the RGB color 107, 226, 253.

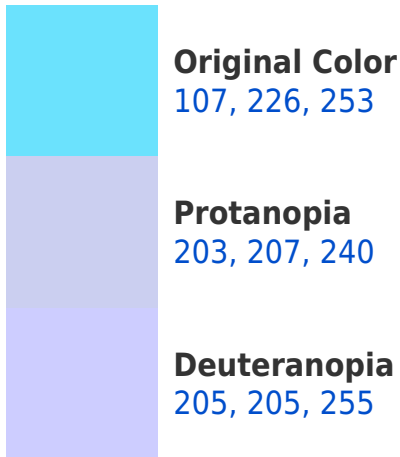


This preview shows how white text looks on a background with the RGB color 107, 226, 253.

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
104, 227, 246

Trichromacy



Original Color

107, 226, 253



Protanomaly

168, 214, 245



Deuteranomaly

169, 213, 254



Tritanomaly

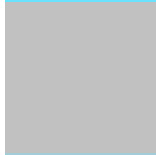
105, 227, 249

Monochromacy



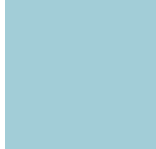
Original Color

107, 226, 253



Achromatopsia

193, 193, 193



Achromatomaly

162, 205, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 226, 253 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(107, 226, 253)` looks like.

```
.text, #text, p{  
    color:rgb(107, 226, 253)  
}
```

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(107, 226, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 226, 253) }
```

Border

The CSS property to change the border of an element to RGB 107, 226, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

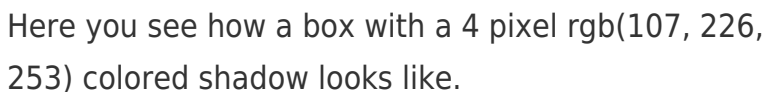
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 226, 253) }
```

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

```
.border{ border-color:rgb(107, 226, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 226, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 226, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 226, 253);  
box-shadow:4px 4px 4px 4px rgb(107, 226,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 107, 226, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 226, 253) }
```

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

```
.background{ background-color: rgb(107,  
226, 253) }
```

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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