

Converting Colors

RGB(111, 215, 255)

Have a look what the booklet for
RGB(111, 215, 255) contains.

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Color

RGB(111, 215, 255)

Conversions

Conversions Part 1

Format	Color
Hex	6FD7FF
RGB	111, 215, 255
RGB Percent	44%, 84%, 100%
CMY	0.5647, 0.1569, 0.0000
CMYK	0.56, 0.16, 0.00, 0.00
HSL	197°, 100%, 72%
HSV	197°, 56%, 100%
XYZ	48.9060, 59.2004, 103.4569
YIQ	188.4640, -74.8240, -9.6080

Conversions

Conversions Part 2

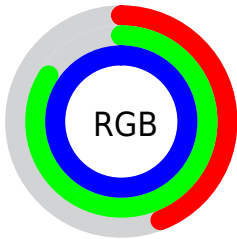
Format	Color
RYB	111, 171, 255
Decimal	7329791
CIELab	81.40, -19.17, -28.69
CIELCh	81, 34.504, 236.244
Yxy	59.2004, 0.2312, 0.2798
Android (android.graphics.Color)	4285519871 (0xFF6FD7FF)
YUV	188.4640, 32.8022, -67.9359
Hunter-Lab	76.9418, -21.1894, -25.8629

Details

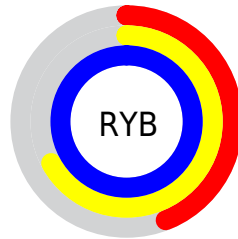
The RGB color **111, 215, 255** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **255, 151, 111**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **172, 255, 255**, and **39, 160, 198** is the 20% darker color. If you saturate the color by 10%, you get **86, 208, 255**, and if you desaturate by 10%, it is **137, 222, 255**.

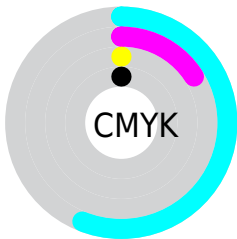
Distribution



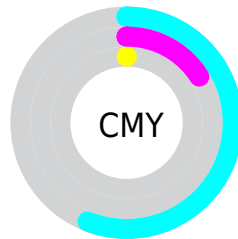
- Red (44%)
- Green (84%)
- Blue (100%)



- Red (44%)
- Yellow (67%)
- Blue (100%)



- Cyan (56%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (56%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 111, 215, 255 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 111, 215, 255 by changing the saturation by 10% instead.


 111, 215, 255

 111, 215, 255

255, 255, 255

 79, 187, 226

 172, 255, 255

 39, 160, 198

 202, 255, 255

 0, 134, 171


 233, 255, 255

 0, 108, 144

 0, 84, 118

 0, 61, 94

 0, 39, 70

 0, 13, 47

 0, 1, 26

■ 111, 215, 255

■ 111, 215, 255

■ 86, 208, 255

■ 137, 222, 255

■ 60, 201, 255

■ 162, 229, 255

■ 34, 194, 255

■ 188, 236, 255

■ 9, 187, 255

■ 213, 243, 255

■ 0, 184, 255

■ 239, 250, 255

255, 255, 255

Harmonies

Analogous

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



98, 219, 230



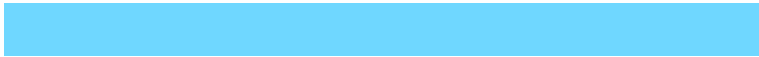
111, 215, 255



154, 207, 255

Triad

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



111, 215, 255



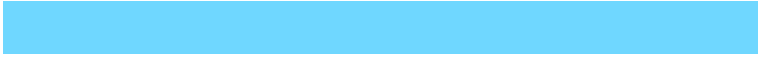
255, 178, 208



195, 209, 144

Complementary

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



111, 215, 255



255, 151, 111

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.



229, 199, 138



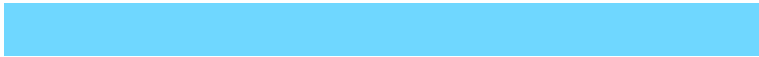
111, 215, 255



255, 180, 175

Square

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



111, 215, 255



240, 185, 239



254, 188, 150



158, 216, 165

Rectangle

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



111, 215, 255



186, 199, 255



254, 188, 150



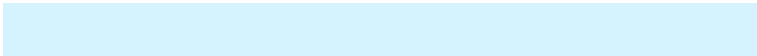
207, 206, 140

Sweetspot

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



111, 215, 255



212, 243, 255



111, 255, 149



102, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



111, 215, 255



82, 207, 255



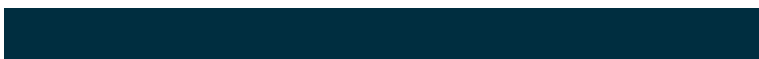
111, 145, 255



115, 124, 128



0, 138, 191



0, 46, 64

Inverse Universe

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



255, 111, 215



255, 82, 207



255, 221, 111



128, 115, 124



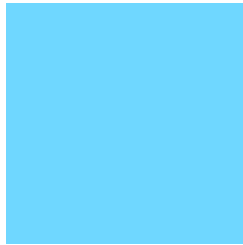
191, 0, 138



64, 0, 46

Previews

White Background



This preview shows how the RGB color 111, 215, 255 looks on a white background.

Color Contrast Check

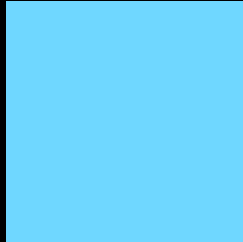
Large Text (above 18pt) WCAG AA × Fail

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 111, 215, 255 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

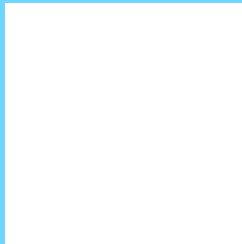
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 111, 215, 255 Background



This preview shows how black text looks on a background with the RGB color 111, 215, 255.

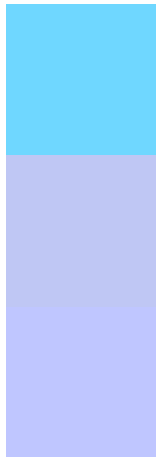


This preview shows how white text looks on a background with the RGB color 111, 215, 255.

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
111, 215, 255

Protanopia
191, 199, 244

Deuteranopia
191, 198, 255

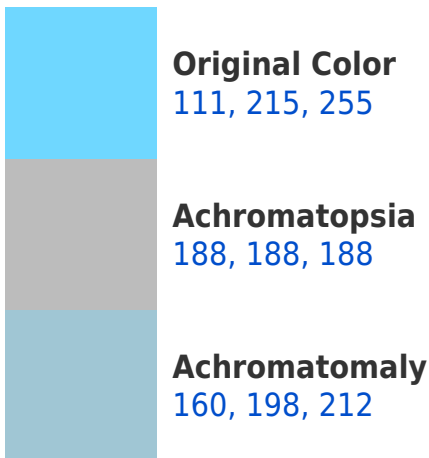


Tritanopia
103, 218, 236

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 215, 255 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(111, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 215, 255)  
}
```

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(111, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 215, 255) }
```

Border

The CSS property to change the border of an element to RGB 111, 215, 255 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(111, 215, 255) }
```

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

```
.border{ border-color:rgb(111, 215, 255) }
```

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

Here you see how a box with a 4 pixel rgb(111, 215, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 215,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 111, 215, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 215, 255) }
```

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

```
.background{ background-color: rgb(111,  
215, 255) }
```

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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