

Converting Colors

Hex(60ECFF)

Have a look what the booklet for
Hex(60ECFF) contains.

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Color

Hex(60ECFF)

Conversions

Conversions Part 1

Format	Color
Hex	60ECFF
RGB	96, 236, 255
RGB Percent	38%, 93%, 100%
CMY	0.6235, 0.0745, 0.0000
CMYK	0.62, 0.07, 0.00, 0.00
HSL	187°, 100%, 69%
HSV	187°, 62%, 100%
XYZ	52.8693, 69.6977, 105.2742
YIQ	196.3060, -89.5390, -23.7710

Conversions

Conversions Part 2

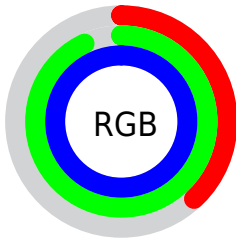
Format	Color
RYB	96, 170, 255
Decimal	6352127
CIELab	86.85, -32.11, -20.44
CIELCh	87, 38.062, 212.483
Yxy	69.6977, 0.2320, 0.3059
Android (android.graphics.Color)	4284542207 (0xFF60ECFF)
YUV	196.3060, 28.9361, -87.9684
Hunter-Lab	83.4851, -33.0589, -16.3247

Details

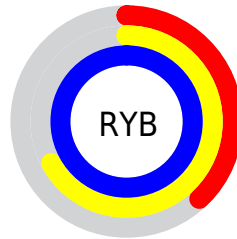
The Hex color **60ECFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF7360**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A1FFFF**, and **00B4C6** is the 20% darker color. If you saturate the color by 10%, you get **47E9FF**, and if you desaturate by 10%, it is **7AEFFF**.

Distribution



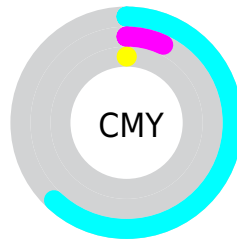
- Red (38%)
- Green (93%)
- Blue (100%)



- Red (38%)
- Yellow (67%)
- Blue (100%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60ECFF 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 Hex color 60ECFF by changing the saturation by 10% instead.

 60ECFF

 60ECFF

FFFFFF

 39D0E2

 A1FFFF

 00B4C6

 C0FFFF

 0099AB

 DFFFFFF

 007E90

FEFFFF

 006577

 004C5E

 003546

 002130

 00011B

 60ECFF

 60ECFF

 47E9FF

 7AEFFF

 2DE6FF

 93F2FF

 14E3FF

 ADF5FF

 00E1FF

 C6F8FF

 E0FBFF

 F9FEFF

FFFFFF

Harmonies

Analogous

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



76EDDB



60ECFF



79E6FF

Triad

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



60ECFF



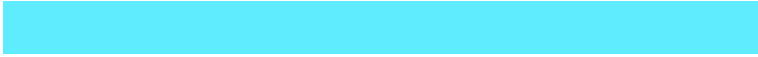
FFC4FB



F0D891

Complementary

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



60ECFF



FF7360

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.



FFCC9A



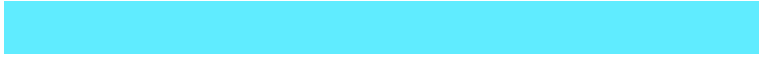
60ECFF



FFBED8

Square

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



60ECFF



E2CFFF



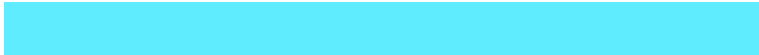
FFC2B4



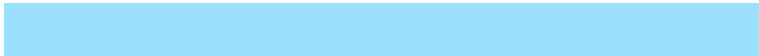
C9E39C

Rectangle

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



60ECFF



9BE0FF



FFC2B4



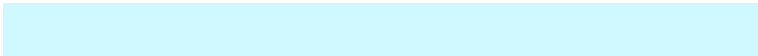
FBD492

Sweetspot

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



60ECFF



CFF9FF



60FF73



627C80



000000



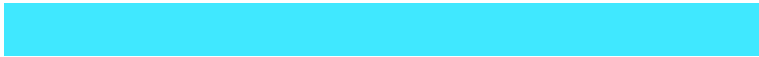
808080

Same Dimension

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



60ECFF



40E8FF



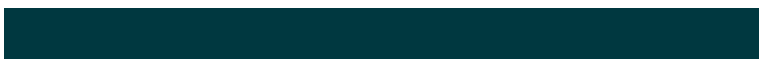
609DFF



737E80



00A8BF



003840

Inverse Universe

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



FF60EC



FF40E8



FFC260



80737E



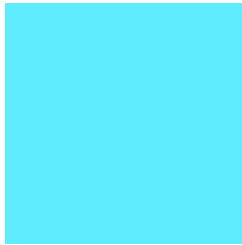
BF00A8



400038

Previews

White Background



This preview shows how the Hex color 60ECFF looks on a white background.

Color Contrast Check

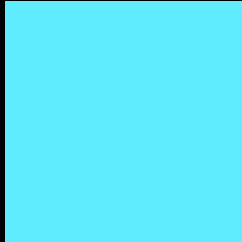
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 60ECFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

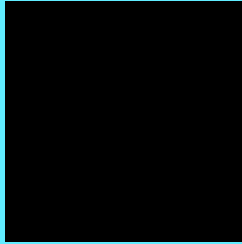
Any Text WCAG AA ✓ Pass

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](#).

Hex 60ECFF Background



This preview shows how black text looks on a background with the Hex color 60ECFF.

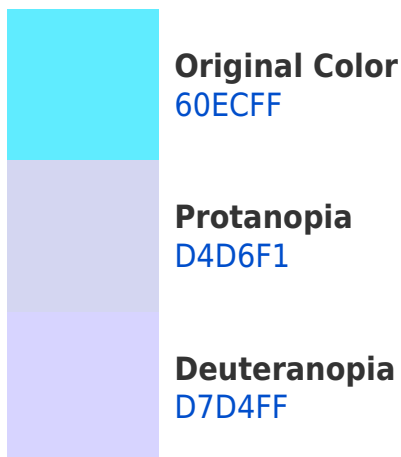


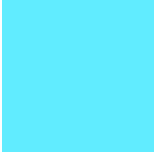
This preview shows how white text looks on a background with the Hex color 60ECFF.

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



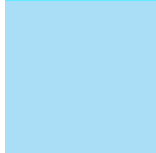


Tritanopia
61ECFF

Trichromacy



Original Color
60ECFF



Protanomaly
AADEF6

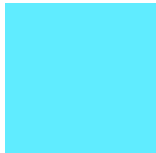


Deuteranomaly
ACDFF

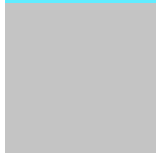


Tritanomaly
61ECFF

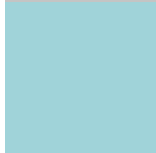
Monochromacy



Original Color
60ECFF



Achromatopsia
C4C4C4



Achromatomaly
A0D3D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 60ECFF 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 #60ECFF looks like.

```
.text, #text, p{  
    color:#60ECFF  
}
```

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 #60ECFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60ECFF
}
```

Border

The CSS property to change the border of an element to Hex 60ECFF 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
#60ECFF }
```

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

```
.border{ border-color:#60ECFF }
```

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

Here you see how a box with a 4 pixel #60ECFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60ECFF; -webkit-box-shadow:4px 4px  
4px 4px #60ECFF; box-shadow:4px 4px 4px  
4px #60ECFF }
```

Background

The CSS property to change the background color of an element to Hex 60ECFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60ECFF }
```

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

```
.background{ background-color:#60ECFF }
```

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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