

Converting Colors

Hex(60E6F4)

Have a look what the booklet for
Hex(60E6F4) contains.

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Color

Hex(60E6F4)

Conversions

Conversions Part 1

Format	Color
Hex	60E6F4
RGB	96, 230, 244
RGB Percent	38%, 90%, 96%
CMY	0.6235, 0.0980, 0.0431
CMYK	0.61, 0.06, 0.00, 0.04
HSL	186°, 87%, 67%
HSV	186°, 61%, 96%
XYZ	49.4498, 65.6121, 95.6461
YIQ	191.5300, -84.3580, -24.0540

Conversions

Conversions Part 2

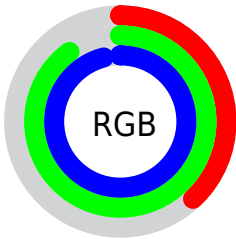
Format	Color
R _Y B	96, 166, 244
Decimal	6350580
CIE Lab	84.80, -32.33, -17.75
CIE LCh	85, 36.886, 208.769
Yxy	65.6121, 0.2347, 0.3114
Android (android.graphics.Color)	4284540660 (0xFF60E6F4)
YUV	191.5300, 25.8677, -83.7798
Hunter-Lab	81.0013, -32.7812, -13.3086

Details

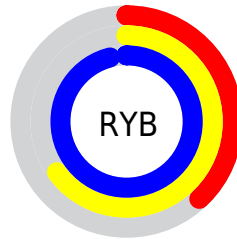
The Hex color **60E6F4** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F46E60**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A0FFFF**, and **00AEBC** is the 20% darker color. If you saturate the color by 10%, you get **48E4F4**, and if you desaturate by 10%, it is **78E8F4**.

Distribution



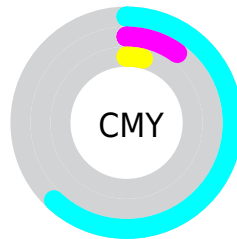
- Red (38%)
- Green (90%)
- Blue (96%)



- Red (38%)
- Yellow (65%)
- Blue (96%)



- Cyan (61%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (62%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60E6F4 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 60E6F4 by changing the saturation by 10% instead.

 60E6F4

 60E6F4


FFFFFF

 3BCAD8

 A0FFFF

 00AEBC

 BFFFFFF

 0093A1

 DDFFFF

 007987

 FCFFFF

 00606D

 004755

 00303E

 001B28

 000113

 60E6F4

 60E6F4

 48E4F4

 78E8F4

 2FE1F4

 91EBF4

 17DFF4

 A9EDF4

 00DDF4

 C2EFF4

 DAF2F4

 F2F4F4

 FFF6F4

 FFF8F4

 FFFBF4

Harmonies

Analogous

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



78E7D1



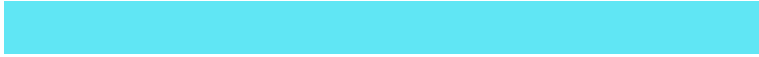
60E6F4



72E1FF

Triad

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



60E6F4



FFC0F8



EDD18E

Complementary

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



60E6F4



F46E60

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.



FFC599



60E6F4



FFBAD7

Square

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



60E6F4



D7CBFF



FFBCB4



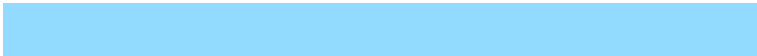
C9DC96

Rectangle

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



60E6F4



92DBFF



FFBCB4



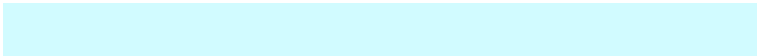
F8CD90

Sweetspot

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



60E6F4



D1FBFF



60F46C



637D80



000000



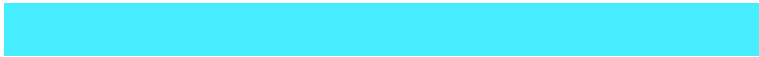
808080

Same Dimension

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



60E6F4



45EDFF



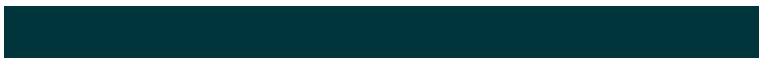
609EF4



6E797A



00A9BA



00353B

Inverse Universe

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



F460E6



FF45ED



F4B660



7A6E79



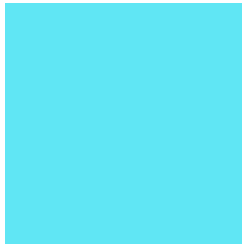
BA00A9



3B0035

Previews

White Background



This preview shows how the Hex color 60E6F4 looks on a white background.

Color Contrast Check

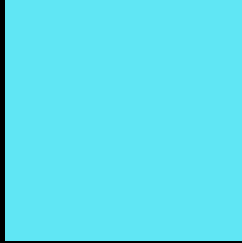
Large Text (above 18pt) WCAG AA × Fail

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 60E6F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

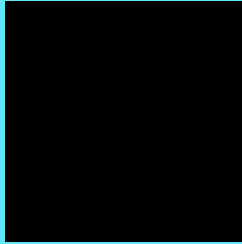
Any Text WCAG AA ✓ Pass

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 60E6F4 Background



This preview shows how black text looks on a background with the Hex color 60E6F4.

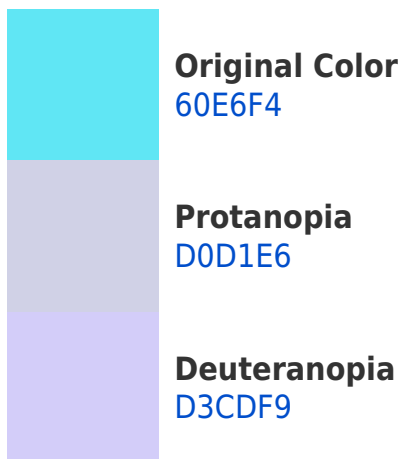


This preview shows how white text looks on a background with the Hex color 60E6F4.

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



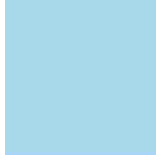


Tritanopia
62E5F8

Trichromacy



Original Color
60E6F4



Protanomaly
A7D9EB



Deuteranomaly
A9D6F7

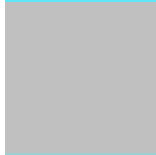


Tritanomaly
61E5F7

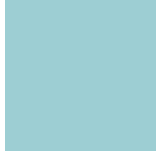
Monochromacy



Original Color
60E6F4



Achromatopsia
C0C0C0



Achromatomaly
9DCED3

CSS Examples

Text

The CSS property to change the color of the text to Hex 60E6F4 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 #60E6F4 looks like.

```
.text, #text, p{  
    color:#60E6F4  
}
```

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 #60E6F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E6F4  
}
```

Border

The CSS property to change the border of an element to Hex 60E6F4 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  
#60E6F4 }
```

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

```
.border{ border-color:#60E6F4 }
```

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

Here you see how a box with a 4 pixel #60E6F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E6F4; -webkit-box-shadow:4px 4px  
4px 4px #60E6F4; box-shadow:4px 4px 4px  
4px #60E6F4 }
```

Background

The CSS property to change the background color of an element to Hex 60E6F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E6F4 }
```

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

```
.background{ background-color:#60E6F4 }
```

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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