

Converting Colors

Hex(61BFE6)

Have a look what the booklet for
Hex(61BFE6) contains.

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Color

Hex(61BFE6)

Conversions

Conversions Part 1

Format	Color
Hex	61BFE6
RGB	97, 191, 230
RGB Percent	38%, 75%, 90%
CMY	0.6196, 0.2510, 0.0980
CMYK	0.58, 0.17, 0.00, 0.10
HSL	198°, 73%, 64%
HSV	198°, 58%, 90%
XYZ	37.8435, 45.5162, 81.6538
YIQ	167.3400, -68.5430, -7.7990

Conversions

Conversions Part 2

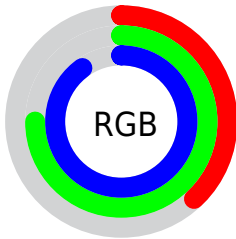
Format	Color
RYB	97, 152, 230
Decimal	6406118
CIELab	73.23, -16.78, -27.86
CIELCh	73, 32.522, 238.943
Yxy	45.5162, 0.2293, 0.2758
Android (android.graphics.Color)	4284596198 (0xFF61BFE6)
YUV	167.3400, 30.8914, -61.6882
Hunter-Lab	67.4657, -17.9390, -24.5329

Details

The Hex color **61BFE6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E68861**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9DF7FF**, and **148AAE** is the 20% darker color. If you saturate the color by 10%, you get **4AB8E6**, and if you desaturate by 10%, it is **78C6E6**.

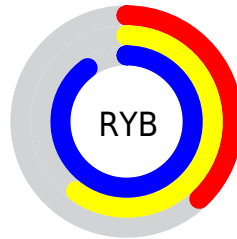
Distribution



Red (38%)

Green (75%)

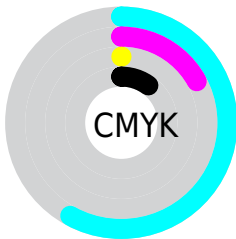
Blue (90%)



Red (38%)

Yellow (60%)

Blue (90%)

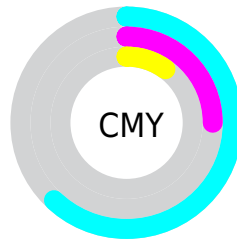


Cyan (58%)

Magenta (17%)

Yellow (0%)

Black (10%)



Cyan (62%)

Magenta (25%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61BFE6 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 61BFE6 by changing the saturation by 10% instead.

 61BFE6

FFFFFF

 9DF7FF

 BBFFFF

 D9FFFF

 F7FFFF

 61BFE6

 41A4CA

 148AAE

 007094

 00587A

 004061

 002A49

 001632

 00021D

 000000

■ 61BFE6

■ 61BFE6

■ 4AB8E6

■ 78C6E6

■ 33B2E6

■ 8FCCE6

■ 1CABE6

■ A6D3E6

■ 05A4E6

■ BDDAE6

■ 00A3E6

■ D4E1E6

■ EBE7E6

■ FFEEE6

■ FFF5E6

■ FFFCE6

Harmonies

Analogous

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



51C3D0



61BFE6



8BB7EF

Triad

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



61BFE6



EC9EB6



AABB7F

Complementary

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



61BFE6



E68861

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.



CAB278



61BFE6



EEA098

Square

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



61BFE6



D9A3D3



E2A782



88C194

Rectangle

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



61BFE6



A8B0EC



E2A782



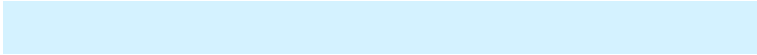
B5B87B

Sweetspot

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



61BFE6



D4F2FF



61E687



667880



000000



808080

Same Dimension

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



61BFE6



4FCBFF



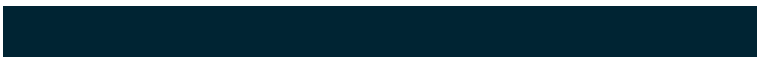
617EE6



676F73



007EB3



002433

Inverse Universe

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



E661BF



FF4FCB



E6C961



73676F



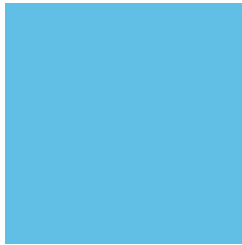
B3007E



330024

Previews

White Background



This preview shows how the Hex color 61BFE6 looks on a white background.

Color Contrast Check

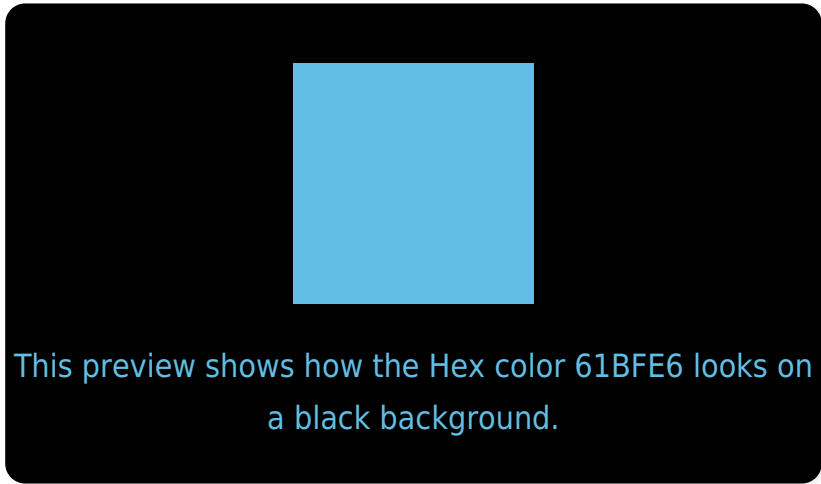
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 61BFE6 Background



This preview shows how black text looks on a background with the Hex color 61BFE6.

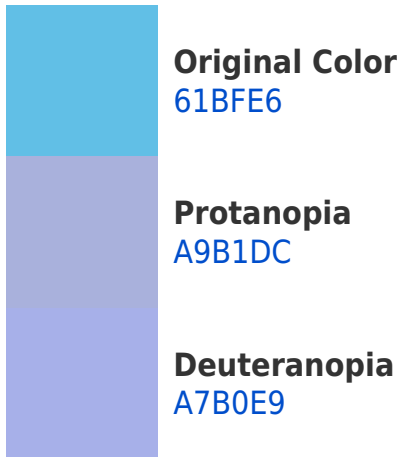


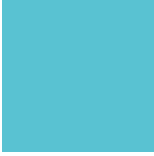
This preview shows how white text looks on a background with the Hex color 61BFE6.

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](#).

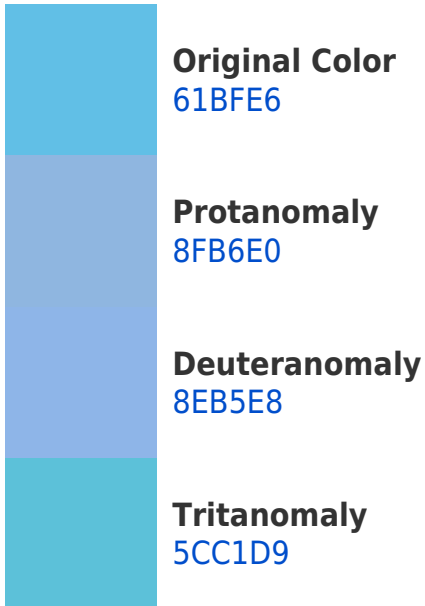
Dichromacy





Tritanopia
59C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 61BFE6 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 #61BFE6 looks like.

```
.text, #text, p{  
    color:#61BFE6  
}
```

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 #61BFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61BFE6
}
```

Border

The CSS property to change the border of an element to Hex 61BFE6 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
#61BFE6 }
```

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

```
.border{ border-color:#61BFE6 }
```

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

Here you see how a box with a 4 pixel #61BFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61BFE6; -webkit-box-shadow:4px 4px  
4px 4px #61BFE6; box-shadow:4px 4px 4px  
4px #61BFE6 }
```

Background

The CSS property to change the background color of an element to Hex 61BFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61BFE6 }
```

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

```
.background{ background-color:#61BFE6 }
```

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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