

Converting Colors

Hex(61FFDF)

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

Hex(61FFDF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(61FFDF)

Conversions

Conversions Part 1

Format	Color
Hex	61FFDF
RGB	97, 255, 223
RGB Percent	38%, 100%, 87%
CMY	0.6196, 0.0000, 0.1255
CMYK	0.62, 0.00, 0.13, 0.00
HSL	168°, 100%, 69%
HSV	168°, 62%, 100%
XYZ	54.0090, 79.3891, 82.2891
YIQ	204.1100, -83.8960, -43.4480

Conversions

Conversions Part 2

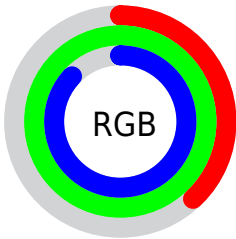
Format	Color
R_{YB}	97, 185, 255
Decimal	6422495
CIE _{Lab}	91.41, -48.84, 3.01
CIE _{LCh}	91, 48.928, 176.468
Yxy	79.3891, 0.2504, 0.3681
Android (android.graphics.Color)	4284612575 (0xFF61FFDF)
YUV	204.1100, 9.3128, -93.9355
Hunter-Lab	89.1006, -47.7267, 7.6129

Details

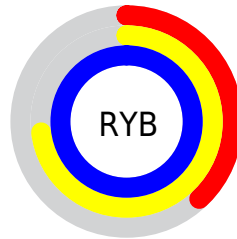
The Hex color **61FFDF** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6181**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **A2FFFF**, and **00C5A8** is the 20% darker color. If you saturate the color by 10%, you get **47FFDA**, and if you desaturate by 10%, it is **7AFFE4**.

Distribution



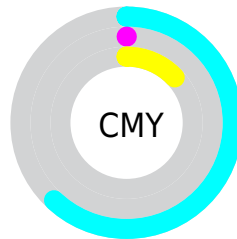
- Red (38%)
- Green (100%)
- Blue (87%)



- Red (38%)
- Yellow (73%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 61FFDF

FFFFFF

 A2FFFF

 C1FFFF

 E0FFFF

 61FFDF

 3BE2C3

 00C5A8

 00AA8E

 008E74

 00745B

 005A44

 00422E

 002C19

 000A00

 61FFDF

 61FFDF

 47FFDA

 7AFFE4

 2EFFD5

 94FFE9

 14FFD0

 AEFFEE

 00FFCB

 C7FFF4

 E1FFF9

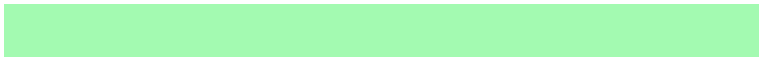
 FAFFFE

 FFFFFFFF

Harmonies

Analogous

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



A3FAB1



61FFDF



00FFFF

Triad

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



61FFDF



E4DCFF



FFD19A

Complementary

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



61FFDF



FF6181

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.



FFC4BF



61FFDF



FFCCFF

Square

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



61FFDF



97EDFF



FFC2EE



FFE288

Rectangle

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



61FFDF



00BFFF



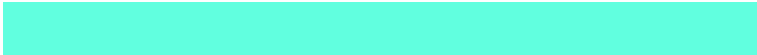
FFC2EE



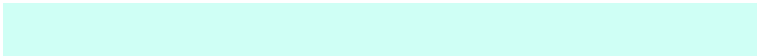
FFCCA4

Sweetspot

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



61FFDF



CFFF5



83FF61



62807A



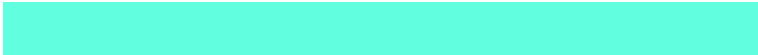
000000



808080

Same Dimension

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



61FFDF



42FFD9



61D2FF



73807D



00BF99



004033

Inverse Universe

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



FF6181



FF4269



FF8E61



807375



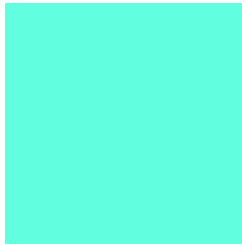
BF0027



40000D

Previews

White Background



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

Color Contrast Check

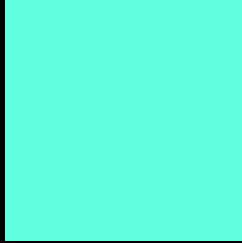
Large Text (above 18pt) WCAG AA × Fail

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 61FFDF 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 61FFDF Background



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

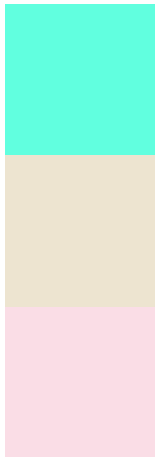


This preview shows how white text looks on a background with the Hex color 61FFDF.

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](#).

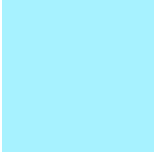
Dichromacy



Original Color
61FFDF

Protanopia
EDE4D0

Deuteranopia
FADDE6



Tritanopia
A7F2FF

Trichromacy



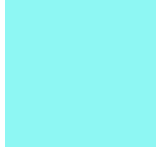
Original Color
61FFDF



Protanomaly
BAEED5



Deuteranomaly
C2E9E3

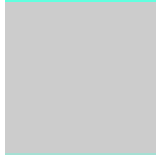


Tritanomaly
8EF7F3

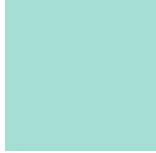
Monochromacy



Original Color
61FFDF



Achromatopsia
CCCCCC



Achromatomaly
A5DFD3

CSS Examples

Text

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

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

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 #61FFDF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor