

# Converting Colors

Hex(61FFE5)

Have a look what the booklet for  
Hex(61FFE5) contains.

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# Color

Hex(61FFE5)

# Conversions

## Conversions Part 1

Format	Color
Hex	61FFE5
RGB	97, 255, 229
RGB Percent	38%, 100%, 90%
CMY	0.6196, 0.0000, 0.1020
CMYK	0.62, 0.00, 0.10, 0.00
HSL	170°, 100%, 69%
HSV	170°, 62%, 100%
XYZ	54.8326, 79.7185, 86.6260
YIQ	204.7940, -85.8220, -41.5820

# Conversions

## Conversions Part 2

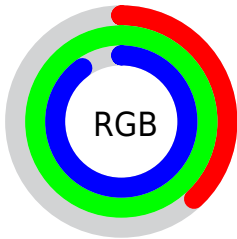
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 183, 255
Decimal	6422501
CIELab	91.56, -47.38, 0.12
CIElCh	92, 47.381, 179.850
Yxy	79.7185, 0.2479, 0.3604
Android (android.graphics.Color)	4284612581 (0xFF61FFE5)
YUV	204.7940, 11.9336, -94.5353
Hunter-Lab	89.2852, -46.6272, 4.9755

# Details

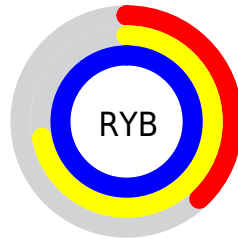
The Hex color **61FFE5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF617B**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **A2FFFF**, and **00C5AE** is the 20% darker color. If you saturate the color by 10%, you get **47FFE1**, and if you desaturate by 10%, it is **7AFFE9**.

# Distribution



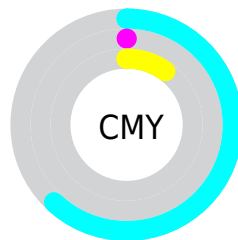
- Red (38%)
- Green (100%)
- Blue (90%)



- Red (38%)
- Yellow (72%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61FFE5 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 61FFE5 by changing the saturation by 10% instead.



 61FFE5

FFFFFF

 A2FFFF

 C1FFFF

 E0FFFF

 61FFE5

 3BE2C9

 00C5AE

 00AA93

 008F79

 007461

 005B49

 004233

 002C1D

 000B05

 61FFE5

 61FFE5

 47FFE1

 7AFFE9

 2EFFDD

 94FFED

 14FFD8

 AEFFF2

 00FFD5

 C7FFF6

 E1FFFA

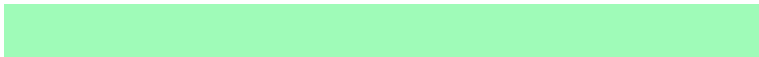
 FAFFFE

 FFFFFF

# Harmonies

## Analogous

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



9FFBB8



61FFE5



1FFEFF

# Triad

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



61FFE5



ECDBFF



FFD499

# Complementary

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



61FFE5



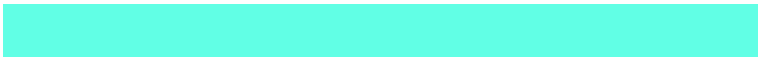
FF617B

# 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.



FFC7BC



61FFE5



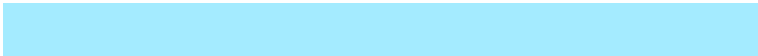
FFCCFF

# Square

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



61FFE5



A4EBFF



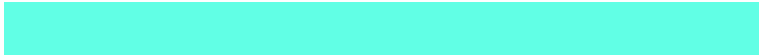
FFC3E9



FFE48B

# Rectangle

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



61FFE5



36FAFF



FFC3E9



FFCFA3

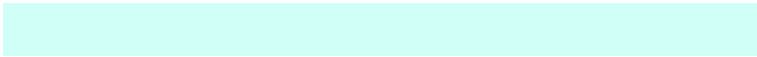


# Sweetspot

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



61FFE5



CFFF7



7BFF61



62807B



000000



808080



# Same Dimension

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



61FFE5



42FFE0



61CAFF



73807D



00BFA0



004035



# Inverse Universe

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



FF617B



FF4261



FF9661



807375



BF001F

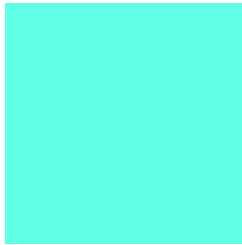


40000A



# Previews

## White Background



This preview shows how the Hex color 61FFE5 looks on a white background.

## Color Contrast Check

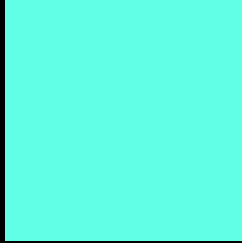
Large Text (above 18pt) WCAG AA × Fail

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 61FFE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

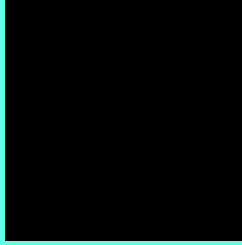
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 61FFE5 Background



This preview shows how black text looks on a background with the Hex color 61FFE5.



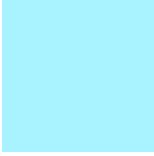
This preview shows how white text looks on a background with the Hex color 61FFE5.

# 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**  
A9F2FF

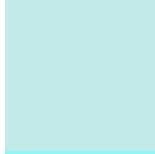
# Trichromacy



**Original Color**  
61FFE5



**Protanomaly**  
BAEEDB



**Deuteranomaly**  
C1EAE9

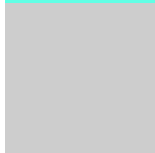


**Tritanomaly**  
8FF7F6

# Monochromacy



**Original Color**  
61FFE5



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
A6DFD6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61FFE5 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 #61FFE5 looks like.

```
.text, #text, p{  
    color:#61FFE5  
}
```

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 #61FFE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61FFE5  
}
```

## Border

The CSS property to change the border of an element to Hex 61FFE5 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  
#61FFE5 }
```

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

```
.border{ border-color:#61FFE5 }
```

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

Here you see how a box with a 4 pixel #61FFE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61FFE5; -webkit-box-shadow:4px 4px  
4px 4px #61FFE5; box-shadow:4px 4px 4px  
4px #61FFE5 }
```

# Background

The CSS property to change the background color of an element to Hex 61FFE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61FFE5 }
```

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

```
.background{ background-color:#61FFE5 }
```

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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