

Converting Colors

Hex(6FFF5B)

Have a look what the booklet for
Hex(6FFF5B) contains.

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Color

Hex(6FFF5B)

Conversions

Conversions Part 1

Format	Color
Hex	6FFF5B
RGB	111, 255, 91
RGB Percent	44%, 100%, 36%
CMY	0.5647, 0.0000, 0.6431
CMYK	0.56, 0.00, 0.64, 0.00
HSL	113°, 100%, 68%
HSV	113°, 64%, 100%
XYZ	44.2039, 75.6548, 22.1706
YIQ	193.2480, -33.1800, -81.5320

Conversions

Conversions Part 2

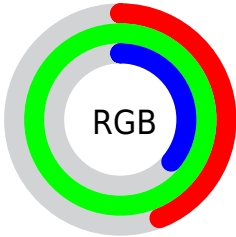
Format	Color
RYB	91, 255, 235
Decimal	7339867
CIELab	89.70, -68.21, 64.58
CIELCh	90, 93.932, 136.568
Yxy	75.6548, 0.3112, 0.5327
Android (android.graphics.Color)	4285529947 (0xFF6FFF5B)
YUV	193.2480, -50.4083, -72.1315
Hunter-Lab	86.9798, -61.4994, 45.7732

Details

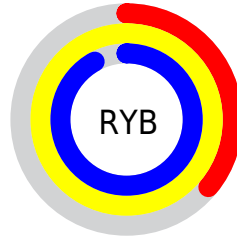
The Hex color **6FFF5B** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **EB5BFF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **AEFF93**, and **20C51D** is the 20% darker color. If you saturate the color by 10%, you get **59FF42**, and if you desaturate by 10%, it is **85FF75**.

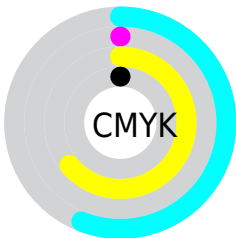
Distribution



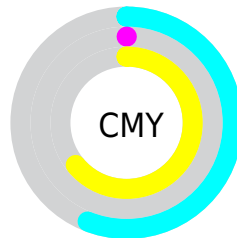
- Red (44%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (92%)



- Cyan (56%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FFF5B 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 6FFF5B by changing the saturation by 10% instead.

 6FFF5B

 6FFF5B

FFFFFF

 4DE23E

 AEFF93

 20C51D

 CDFFAF

 00A900

 ECFFCC

 008D00

 FFFFE9

 007300

 005900

 004000

 002700

 000000

 6FFF5B

 6FFF5B

 59FF42

 85FF75

 42FF28

 9CFF8E

 2CFF0F

 B2FFA8

 1FFF00

 C9FFC1

 DFFFDB

 F5FFF4

FFFFFF

Harmonies

Analogous

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



DEEC00



6FFF5B



00FFB5

Triad

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



6FFF5B



00F7FF



FF87B4

Complementary

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



6FFF5B



EB5BFF

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.



FF8CFF



6FFF5B



85DBFF

Square

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



6FFF5B



00FFFF



FFB2FF



FFA861

Rectangle

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



6FFF5B



00FFF3



FFB2FF



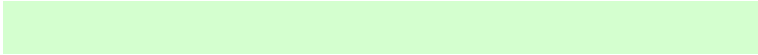
FF84D2

Sweetspot

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



6FFF5B



D4FFCF



FFE95B



668062



000000



808080

Same Dimension

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



6FFF5B



53FF3B



5BFF97



748073



17BF00



084000

Inverse Universe

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



EB5BFF



E73BFF



FF5BC3



7E7380



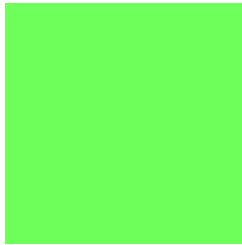
A800BF



380040

Previews

White Background



This preview shows how the Hex color 6FFF5B 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

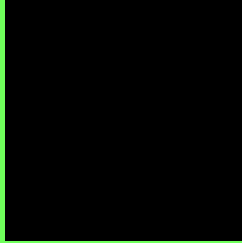
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

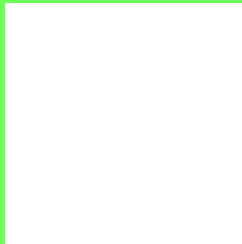
Any Text WCAG AAA ✓ Pass

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

Hex 6FFF5B Background



This preview shows how black text looks on a background with the Hex color 6FFF5B.

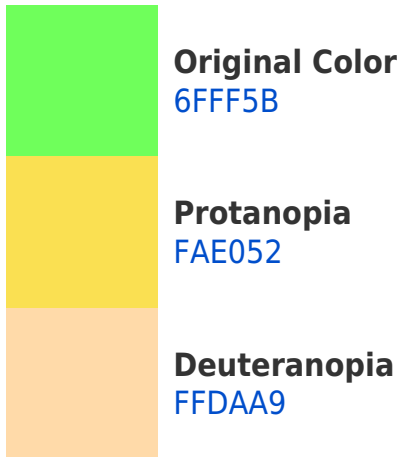


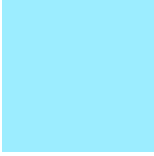
This preview shows how white text looks on a background with the Hex color 6FFF5B.

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](#).

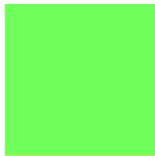
Dichromacy





Tritanopia
9CEDFF

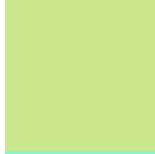
Trichromacy



Original Color
6FFF5B



Protanomaly
C7EB55



Deuteranomaly
CBE78D

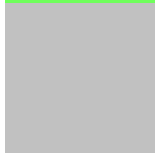


Tritanomaly
8CF4C3

Monochromacy



Original Color
6FFF5B



Achromatopsia
C1C1C1



Achromatomaly
A3D89C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FFF5B 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 #6FFF5B looks like.

```
.text, #text, p{  
    color:#6FFF5B  
}
```

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 #6FFF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FFF5B
}
```

Border

The CSS property to change the border of an element to Hex 6FFF5B 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
#6FFF5B }
```

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

```
.border{ border-color:#6FFF5B }
```

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

Here you see how a box with a 4 pixel #6FFF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FFF5B; -webkit-box-shadow:4px 4px  
4px 4px #6FFF5B; box-shadow:4px 4px 4px  
4px #6FFF5B }
```

Background

The CSS property to change the background color of an element to Hex 6FFF5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FFF5B }
```

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

```
.background{ background-color:#6FFF5B }
```

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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