

Converting Colors

Hex(76FF60)

Have a look what the booklet for
Hex(76FF60) contains.

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Color

Hex(76FF60)

Conversions

Conversions Part 1

Format	Color
Hex	76FF60
RGB	118, 255, 96
RGB Percent	46%, 100%, 38%
CMY	0.5373, 0.0000, 0.6235
CMYK	0.54, 0.00, 0.62, 0.00
HSL	112°, 100%, 69%
HSV	112°, 62%, 100%
XYZ	45.3425, 76.2161, 23.3877
YIQ	195.9110, -30.6130, -78.4930

Conversions

Conversions Part 2

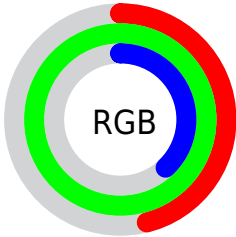
Format	Color
RYB	96, 255, 233
Decimal	7798624
CIELab	89.96, -66.04, 62.91
CIELCh	90, 91.208, 136.389
Yxy	76.2161, 0.3128, 0.5258
Android (android.graphics.Color)	4285988704 (0xFF76FF60)
YUV	195.9110, -49.2561, -68.3279
Hunter-Lab	87.3018, -60.0694, 45.2278

Details

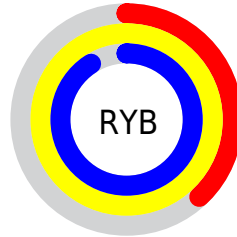
The Hex color **76FF60** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **E960FF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B4FF98**, and **2FC525** is the 20% darker color. If you saturate the color by 10%, you get **60FF47**, and if you desaturate by 10%, it is **8CFF7A**.

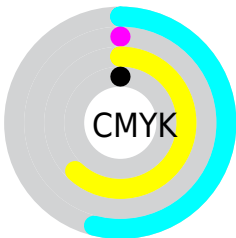
Distribution



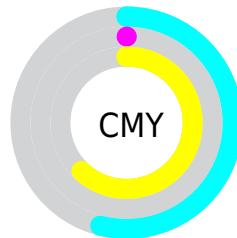
- Red (46%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76FF60 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 76FF60 by changing the saturation by 10% instead.

 76FF60

 76FF60

FFFFFF

 55E244

 B4FF98

 2FC525

 D2FFB4

 00A900

 F1FFD1

 008E00

 FFFFEE

 007300

 005900

 004000

 002800

 000000

 76FF60

 76FF60

 60FF47

 8CFF7A

 4AFF2D

 A2FF93

 34FF14

 B8FFAD

 23FF00

 CEFFC6

 E4FFE0

 FAFFF9

FFFFFF

Harmonies

Analogous

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



E0ED08



76FF60



00FFB6

Triad

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



76FF60



00F8FF



FF8CB6

Complementary

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



76FF60



E960FF

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.



FF91FF



76FF60



8BDCFF

Square

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



76FF60



00FFFF



FFB5FF



FFAB66

Rectangle

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



76FF60



00FFF3



FFB5FF



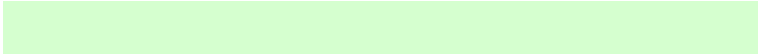
FF89D3

Sweetspot

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



76FF60



D5FFCF



FFE760



668062



000000



808080

Same Dimension

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



76FF60



5AFF40



60FF98



758073



1ABF00



094000

Inverse Universe

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



E960FF



E540FF



FF60C7



7E7380



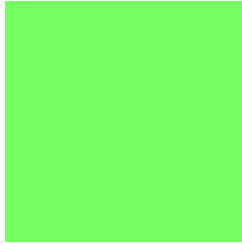
A500BF



370040

Previews

White Background



This preview shows how the Hex color 76FF60 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

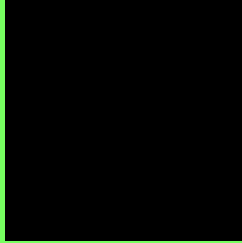
Any Text WCAG AA ✓ Pass

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 76FF60 Background



This preview shows how black text looks on a background with the Hex color 76FF60.

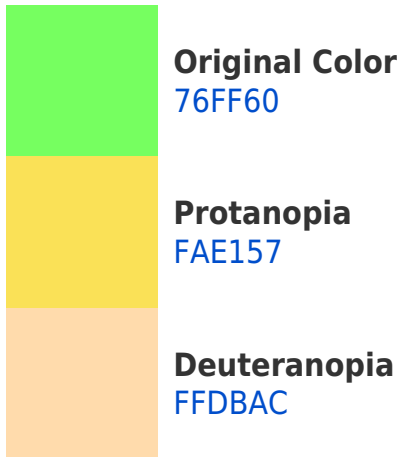


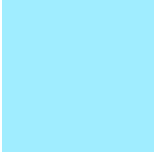
This preview shows how white text looks on a background with the Hex color 76FF60.

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](#).

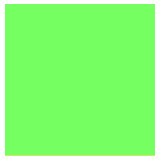
Dichromacy





Tritanopia
A0EDFF

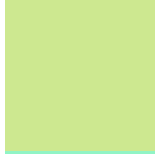
Trichromacy



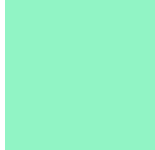
Original Color
76FF60



Protanomaly
CAEC5A



Deuteranomaly
CDE890

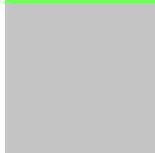


Tritanomaly
91F4C5

Monochromacy



Original Color
76FF60



Achromatopsia
C4C4C4



Achromatomaly
A8D9A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 76FF60 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 #76FF60 looks like.

```
.text, #text, p{  
    color:#76FF60  
}
```

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 #76FF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76FF60
}
```

Border

The CSS property to change the border of an element to Hex 76FF60 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
#76FF60 }
```

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

```
.border{ border-color:#76FF60 }
```

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

Here you see how a box with a 4 pixel #76FF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76FF60; -webkit-box-shadow:4px 4px  
4px 4px #76FF60; box-shadow:4px 4px 4px  
4px #76FF60 }
```

Background

The CSS property to change the background color of an element to Hex 76FF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76FF60 }
```

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

```
.background{ background-color:#76FF60 }
```

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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