

# Converting Colors

Hex(76FE62)

Have a look what the booklet for  
Hex(76FE62) contains.

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**Color**

**Hex(76FE62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76FE62
RGB	118, 254, 98
RGB Percent	46%, 100%, 38%
CMY	0.5373, 0.0039, 0.6157
CMYK	0.54, 0.00, 0.61, 0.00
HSL	112°, 99%, 69%
HSV	112°, 61%, 100%
XYZ	45.1176, 75.6170, 23.7729
YIQ	195.5520, -30.9800, -77.3480

# Conversions

## Conversions Part 2

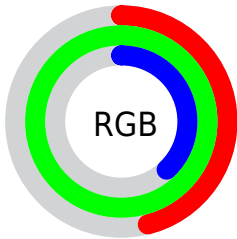
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 254, 234
Decimal	7798370
CIELab	89.68, -65.49, 61.78
CIELCh	90, 90.027, 136.669
Yxy	75.6170, 0.3122, 0.5233
Android (android.graphics.Color)	4285988450 (0xFF76FE62)
YUV	195.5520, -48.0931, -68.0131
Hunter-Lab	86.9580, -59.5630, 44.6617

# Details

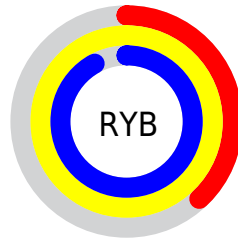
The Hex color **76FE62** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **EA62FE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B4FF9A**, and **2FC428** is the 20% darker color. If you saturate the color by 10%, you get **60FE49**, and if you desaturate by 10%, it is **8CFE7B**.

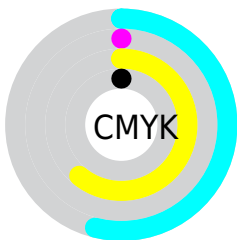
# Distribution



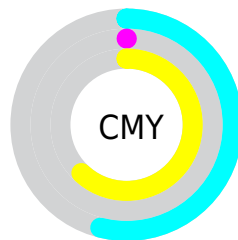
- Red (46%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (92%)



- Cyan (54%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 76FE62 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 76FE62 by changing the saturation by 10% instead.



 76FE62

 76FE62

FFFFFF

 55E146

 B4FF9A

 2FC428

 D2FFB6

 00A800

 F1FFD3

 008D00

 FFFFF0

 007200

 005800

 003F00

 002700

 000000

 76FE62

 76FE62

 60FE49

 8CFE7B

 4AFE2F

 A2FE95

 34FE16

 B8FEAE

 21FE00

 CFFEC8

 E5FEE1

 FBFEFA

FFFEFF

# Harmonies

## Analogous

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



DEEC13



76FE62



00FFB7

# Triad

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



76FE62



00F6FF



FF8EB5

# Complementary

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



76FE62



EA62FE

# Split Complementary

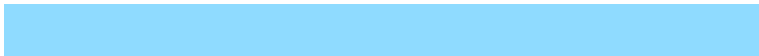
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF92FF



76FE62



8FDBFF

# Square

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



76FE62



00FFFF



FFB4FF



FFAB66

# Rectangle

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



76FE62



00FFF3



FFB4FF



FF8AD2

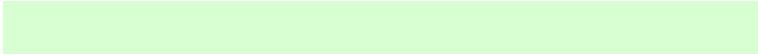


# Sweetspot

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



76FE62



D7FFD1



FEE962



678063



000000



808080



# Same Dimension

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



76FE62



5AFF42



62FE9B



748073



19BF00



084000



# Inverse Universe

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



EA62FE



E742FF



FE62C5



7E7380



A700BF

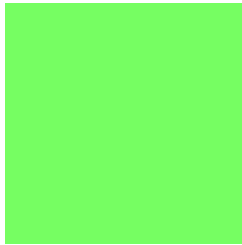


380040



# Previews

## White Background



This preview shows how the Hex color 76FE62 looks on a white background.

## Color Contrast Check

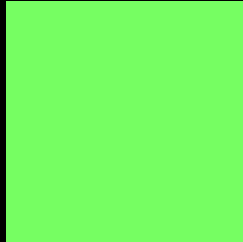
Large Text (above 18pt) WCAG AA × Fail

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 76FE62 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

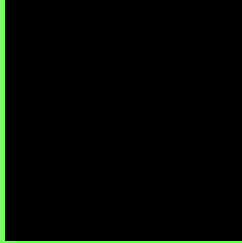
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

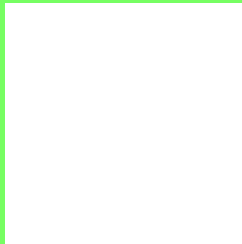
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76FE62 Background



This preview shows how black text looks on a background with the Hex color 76FE62.

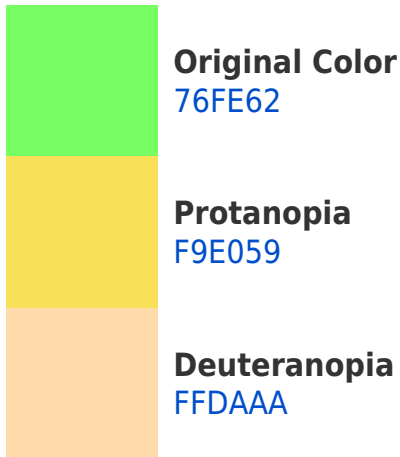


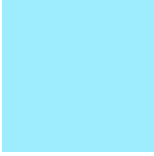
This preview shows how white text looks on a background with the Hex color 76FE62.

# 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



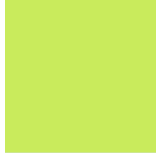


**Tritanopia**  
9DEDFE

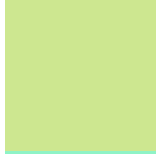
# Trichromacy



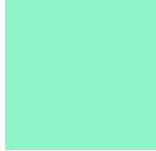
**Original Color**  
76FE62



**Protanomaly**  
C9EB5C

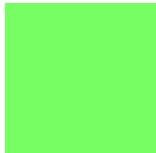


**Deuteranomaly**  
CDE790

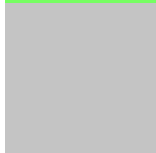


**Tritanomaly**  
8FF3C6

# Monochromacy



**Original Color**  
76FE62



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
A8D9A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76FE62 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 #76FE62 looks like.

```
.text, #text, p{  
    color:#76FE62  
}
```

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 #76FE62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76FE62
}
```

## Border

The CSS property to change the border of an element to Hex 76FE62 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
#76FE62 }
```

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

```
.border{ border-color:#76FE62 }
```

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

Here you see how a box with a 4 pixel #76FE62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76FE62; -webkit-box-shadow:4px 4px  
4px 4px #76FE62; box-shadow:4px 4px 4px  
4px #76FE62 }
```

# Background

The CSS property to change the background color of an element to Hex 76FE62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76FE62 }
```

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

```
.background{ background-color:#76FE62 }
```

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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