

# Converting Colors

Hex(F6FE62)

Have a look what the booklet for  
Hex(F6FE62) contains.

<b>Hex(F6FE62)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F6FE62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FE62
RGB	246, 254, 98
RGB Percent	96%, 100%, 38%
CMY	0.0353, 0.0039, 0.6157
CMYK	0.03, 0.00, 0.61, 0.00
HSL	63°, 99%, 69%
HSV	63°, 61%, 100%
XYZ	75.6525, 91.3583, 25.2019
YIQ	233.8240, 45.3080, -50.2120

# Conversions

## Conversions Part 2

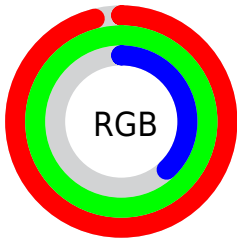
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 254, 106
Decimal	16186978
CIE Lab	96.56, -21.79, 71.27
CIE LCh	97, 74.523, 106.999
Yxy	91.3583, 0.3936, 0.4753
Android (android.graphics.Color)	4294377058 (0xFFFF6FE62)
YUV	233.8240, -66.9612, 10.6784
Hunter-Lab	95.5815, -25.9856, 51.2741

# Details

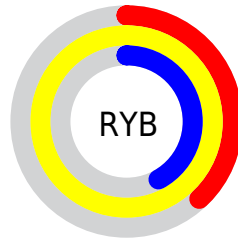
The Hex color **F6FE62** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6A62FE**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFF9B**, and **BBC525** is the 20% darker color. If you saturate the color by 10%, you get **F5FE49**, and if you desaturate by 10%, it is **F7FE7B**.

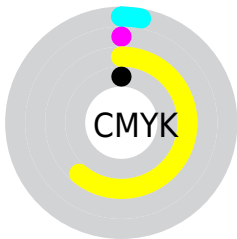
# Distribution



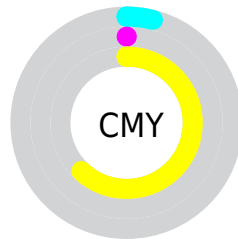
- Red (96%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6FE62 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 F6FE62 by changing the saturation by 10% instead.



 F6FE62

 F6FE62

FFFFFF

 D8E145

 FFFF9B

 BBC525

 FFFFB7

 9EAA00

 FFFF D4

 819000

 FFFFF2

 657600

 4A5E00

 2F4600

 143000

 001D00

 F6FE62

 F6FE62

 F5FE49

 F7FE7B

 F3FE2F

 F9FE95

 F2FE16

 FAFEAE

 F1FE00

 FBFEC8

 FDFEE1

 FEFEFA

FFFEFF

# Harmonies

## Analogous

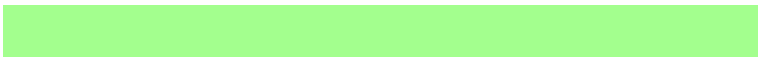
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE663



F6FE62



A3FF8E

# Triad

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



F6FE62



00FFFF



FFBAFF

# Complementary

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



F6FE62



6A62FE

# 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.



FFD1FF



F6FE62



00FFFF

# Square

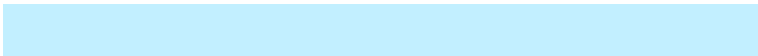
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F6FE62



00FFFF



C2EFFF



FFB7CF

# Rectangle

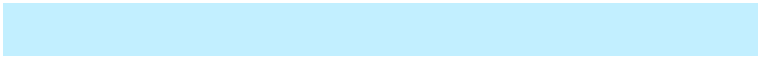
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6FE62



4CFFBA



C2EFFF



FFC0FF



# Sweetspot

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



F6FE62



FDFFD1



FE6A62



7E8063



000000



808080



# Same Dimension

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



F6FE62



F5FF42



A8FE62



7F8073



B5BF00



3C4000



# Inverse Universe

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



6A62FE



4C42FF



B862FE



737380



0A00BF

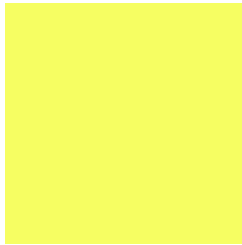


030040



# Previews

## White Background



This preview shows how the Hex color F6FE62 looks on a white background.

## Color Contrast Check

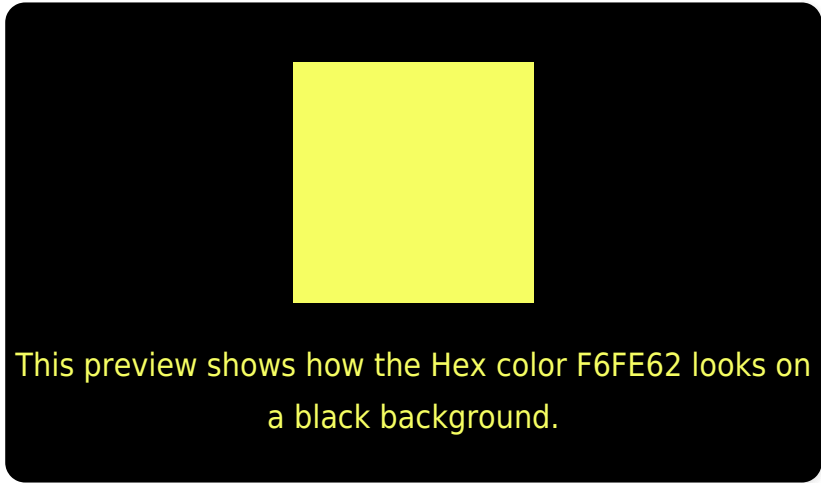
Large Text (above 18pt) WCAG AA × Fail

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 F6FE62 Background



This preview shows how black text looks on a background with the Hex color F6FE62.

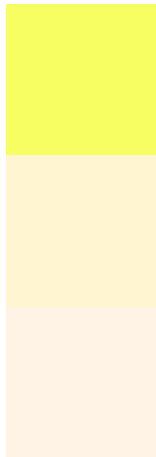


This preview shows how white text looks on a background with the Hex color F6FE62.

# 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**  
F6FE62

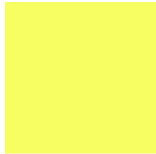
**Protanopia**  
FFF5D0

**Deuteranopia**  
FFF3E6

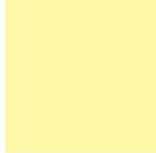


**Tritanopia**  
FFF1FC

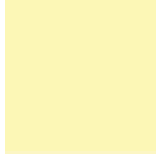
# Trichromacy



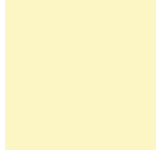
**Original Color**  
F6FE62



**Protanomaly**  
FCF8A8

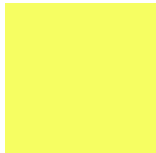


**Deuteranomaly**  
FCF7B6

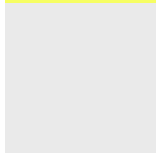


**Tritanomaly**  
FCF6C4

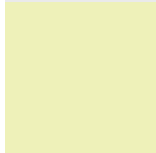
# Monochromacy



**Original Color**  
F6FE62



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
EEF1B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6FE62 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 #F6FE62 looks like.

```
.text, #text, p{  
    color:#F6FE62  
}
```

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 #F6FE62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6FE62
}
```

## Border

The CSS property to change the border of an element to Hex F6FE62 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
#F6FE62 }
```

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

```
.border{ border-color:#F6FE62 }
```

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

Here you see how a box with a 4 pixel #F6FE62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6FE62; -webkit-box-shadow:4px 4px  
4px 4px #F6FE62; box-shadow:4px 4px 4px  
4px #F6FE62 }
```

# Background

The CSS property to change the background color of an element to Hex F6FE62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6FE62 }
```

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

```
.background{ background-color:#F6FE62 }
```

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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