

Converting Colors

Hex(F6E458)

Have a look what the booklet for
Hex(F6E458) contains.

Hex(F6E458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F6E458)

Conversions

Conversions Part 1

Format	Color
Hex	F6E458
RGB	246, 228, 88
RGB Percent	96%, 89%, 35%
CMY	0.0353, 0.1059, 0.6549
CMYK	0.00, 0.07, 0.64, 0.04
HSL	53°, 90%, 65%
HSV	53°, 64%, 96%
XYZ	67.5109, 75.7842, 20.3021
YIQ	217.4220, 55.6680, -39.7240

Conversions

Conversions Part 2

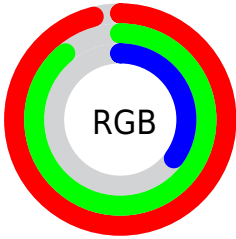
Format	Color
RYB	108, 246, 88
Decimal	16180312
CIELab	89.76, -9.74, 68.08
CIELCh	90, 68.778, 98.142
Yxy	75.7842, 0.4127, 0.4632
Android (android.graphics.Color)	4294370392 (0xFFFF6E458)
YUV	217.4220, -63.8050, 25.0629
Hunter-Lab	87.0541, -13.9171, 47.1107

Details

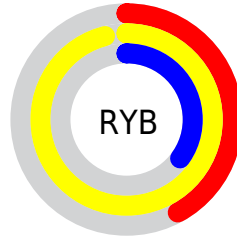
The Hex color **F6E458** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **586AF6**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFF90**, and **BAAD1A** is the 20% darker color. If you saturate the color by 10%, you get **F6E13F**, and if you desaturate by 10%, it is **F6E771**.

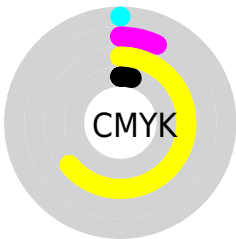
Distribution



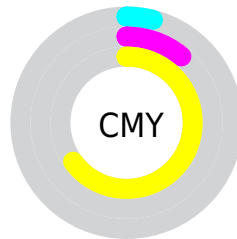
- Red (96%)
- Green (89%)
- Blue (35%)



- Red (42%)
- Yellow (96%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6E458 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 F6E458 by changing the saturation by 10% instead.

 F6E458

 F6E458

FFFFFF

 D8C83B

 FFFF90

 BAAD1A

 FFFFAC

 9D9300

 FFFFC8

 817900

 FFFF E6

 656000

 4A4900

 303300

 171E00

 000000

 F6E458

 F6E458

 F6E13F

 F6E771

 F6DE27

 F6EA89

 F6DC0E

 F6ECA2

 F6DA00

 F6EFBA

 F6F2D3

 F6F5EC

 F6F8FF

 F6FAFF

 F6FDFF

Harmonies

Analogous

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



FFCD66



F6E458



B0F575

Triad

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



F6E458



00FFFF



FFB1FF

Complementary

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



F6E458



586AF6

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.



FEC9FF



F6E458



00F6FF

Square

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



F6E458



00FFF2



8BE3FF



FFA8D2

Rectangle

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



F6E458



73FC99



8BE3FF



FFB8FF

Sweetspot

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



F6E458



FFF9CF



F6586A



807C62



000000



808080

Same Dimension

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



F6E458



FFE93B



B9F658



7A796E



BAA500



3B3400

Inverse Universe

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



586AF6



3B51FF



9558F6



6E707A



0015BA



00073B

Previews

White Background



This preview shows how the Hex color F6E458 looks on a white background.

Color Contrast Check

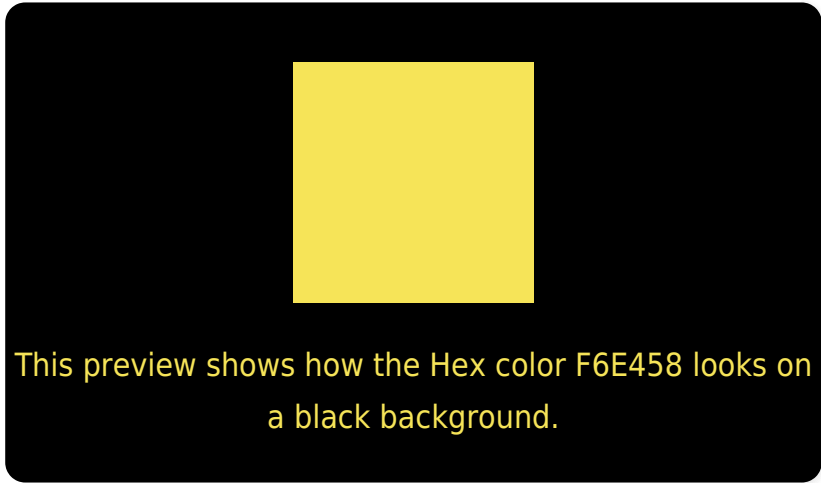
Large Text (above 18pt) WCAG AA × Fail

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 F6E458 Background



This preview shows how black text looks on a background with the Hex color F6E458.

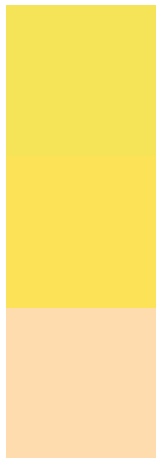


This preview shows how white text looks on a background with the Hex color F6E458.

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
F6E458

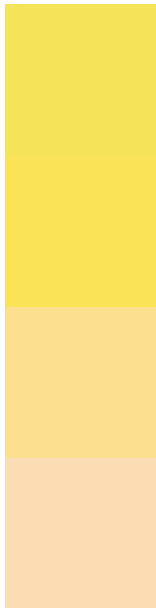
Protanopia
FCE257

Deuteranopia
FFDCAE



Tritanopia
FFD7E6

Trichromacy



Original Color
F6E458

Protanomaly
FAE357

Deuteranomaly
FCDF8F

Tritanomaly
FCDCB2

Monochromacy



Original Color
F6E458

Achromatopsia
D9D9D9

Achromatomaly
E4DDAA

CSS Examples

Text

The CSS property to change the color of the text to Hex F6E458 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 #F6E458 looks like.

```
.text, #text, p{  
    color:#F6E458  
}
```

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 #F6E458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6E458
}
```

Border

The CSS property to change the border of an element to Hex F6E458 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
#F6E458 }
```

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

```
.border{ border-color:#F6E458 }
```

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

Here you see how a box with a 4 pixel #F6E458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6E458; -webkit-box-shadow:4px 4px  
4px 4px #F6E458; box-shadow:4px 4px 4px  
4px #F6E458 }
```

Background

The CSS property to change the background color of an element to Hex F6E458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6E458 }
```

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

```
.background{ background-color:#F6E458 }
```

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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