

Converting Colors

Hex(6FE451)

Have a look what the booklet for
Hex(6FE451) contains.

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Color

Hex(6FE451)

Conversions

Conversions Part 1

Format	Color
Hex	6FE451
RGB	111, 228, 81
RGB Percent	44%, 89%, 32%
CMY	0.5647, 0.1059, 0.6824
CMYK	0.51, 0.00, 0.64, 0.11
HSL	108°, 73%, 61%
HSV	108°, 64%, 89%
XYZ	35.7842, 59.4604, 17.3756
YIQ	176.2590, -22.5450, -70.5210

Conversions

Conversions Part 2

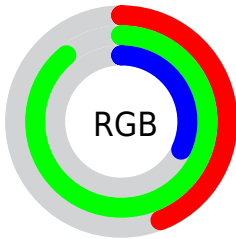
Format	Color
RYB	81, 228, 198
Decimal	7332945
CIELab	81.54, -59.41, 59.70
CIELCh	82, 84.222, 134.861
Yxy	59.4604, 0.3177, 0.5280
Android (android.graphics.Color)	4285523025 (0xFF6FE451)
YUV	176.2590, -46.9627, -57.2321
Hunter-Lab	77.1106, -52.1083, 40.6174

Details

The Hex color **6FE451** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C651E4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **ABFF88**, and **2CAB12** is the 20% darker color. If you saturate the color by 10%, you get **5DE43A**, and if you desaturate by 10%, it is **81E468**.

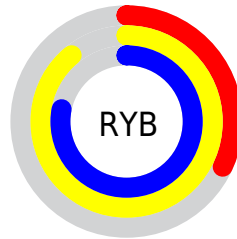
Distribution



Red (44%)

Green (89%)

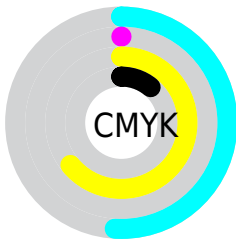
Blue (32%)



Red (32%)

Yellow (89%)

Blue (78%)

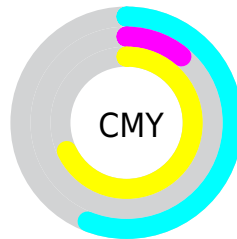


Cyan (51%)

Magenta (0%)

Yellow (64%)

Black (11%)



Cyan (56%)

Magenta (11%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE451 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 6FE451 by changing the saturation by 10% instead.

 6FE451

 6FE451


FFFFFF

 50C735

 ABFF88

 2CAB12

 C9FFA4

 009000

 E7FFC0

 007600

 FFFFDD

 005C00

 FFFFFA

 004300

 002C00

 000B00

 000000

 6FE451

 6FE451

 5DE43A

 81E468

 4BE423

 93E47F

 39E40D

 A5E495

 2FE400

 B8E4AC

 CAE4C3

 DCE4DA

 EEE4F1

 FFE4FF

Harmonies

Analogous

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



CCD300



6FE451



00ED9F

Triad

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



6FE451



00DFFF



FF7CA7

Complementary

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



6FE451



C651E4

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.



FF82F6



6FE451



6FC6FF

Square

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



6FE451



00ECFF



FFA3FF



FF965E

Rectangle

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



6FE451



00EFD6



FFA3FF



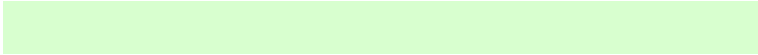
FF7AC1

Sweetspot

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



6FE451



D8FFCF



E4C451



688062



000000



808080

Same Dimension

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



6FE451



63FF3B



51E47B



6A7367



24B300



0A3300

Inverse Universe

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



C651E4



D73BFF



E451BA



706773



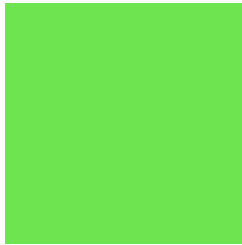
8E00B3



290033

Previews

White Background



This preview shows how the Hex color 6FE451 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

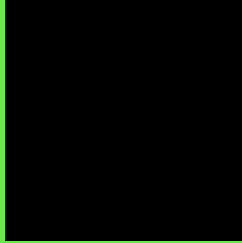
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

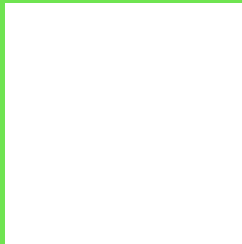
Any Text WCAG AAA ✓ Pass

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

Hex 6FE451 Background



This preview shows how black text looks on a background with the Hex color 6FE451.

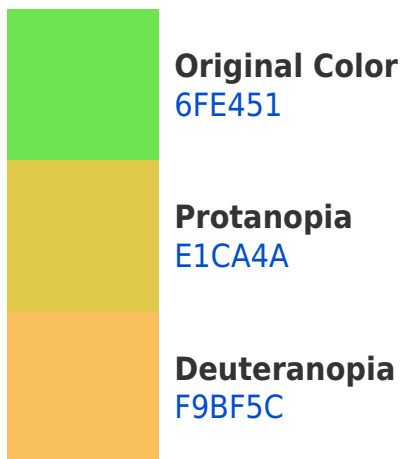


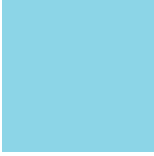
This preview shows how white text looks on a background with the Hex color 6FE451.

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
8CD5E7

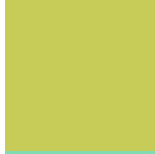
Trichromacy



Original Color
6FE451



Protanomaly
B8D34D



Deuteranomaly
C7CC58

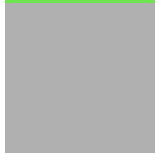


Tritanomaly
81DAB0

Monochromacy



Original Color
6FE451



Achromatopsia
B0B0B0



Achromatomaly
98C38D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE451 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 #6FE451 looks like.

```
.text, #text, p{  
    color:#6FE451  
}
```

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 #6FE451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE451
}
```

Border

The CSS property to change the border of an element to Hex 6FE451 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
#6FE451 }
```

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

```
.border{ border-color:#6FE451 }
```

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

Here you see how a box with a 4 pixel #6FE451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE451; -webkit-box-shadow:4px 4px  
4px 4px #6FE451; box-shadow:4px 4px 4px  
4px #6FE451 }
```

Background

The CSS property to change the background color of an element to Hex 6FE451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE451 }
```

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

```
.background{ background-color:#6FE451 }
```

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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