

Converting Colors

Hex(6FE133)

Have a look what the booklet for
Hex(6FE133) contains.

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Color

Hex(6FE133)

Conversions

Conversions Part 1

Format	Color
Hex	6FE133
RGB	111, 225, 51
RGB Percent	44%, 88%, 20%
CMY	0.5647, 0.1176, 0.8000
CMYK	0.51, 0.00, 0.77, 0.12
HSL	99°, 74%, 54%
HSV	99°, 77%, 88%
XYZ	34.0783, 57.4690, 12.4285
YIQ	171.0780, -12.0900, -78.2820

Conversions

Conversions Part 2

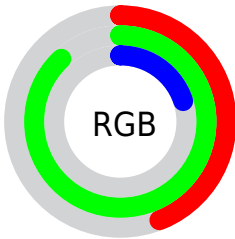
Format	Color
RYB	51, 225, 165
Decimal	7332147
CIELab	80.44, -60.49, 69.26
CIELCh	80, 91.961, 131.133
Yxy	57.4690, 0.3278, 0.5527
Android (android.graphics.Color)	4285522227 (0xFF6FE133)
YUV	171.0780, -59.1985, -52.6884
Hunter-Lab	75.8083, -52.4229, 43.3454

Details

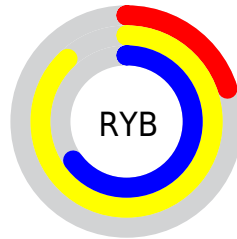
The Hex color **6FE133** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **A533E1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ACFF6E**, and **2AA900** is the 20% darker color. If you saturate the color by 10%, you get **60E11C**, and if you desaturate by 10%, it is **7EE149**.

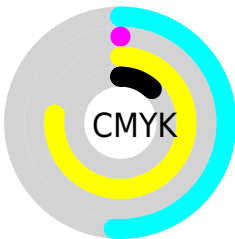
Distribution



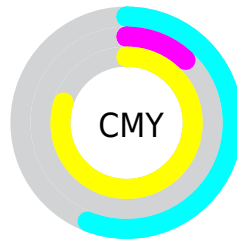
- Red (44%)
- Green (88%)
- Blue (20%)



- Red (20%)
- Yellow (88%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (77%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE133 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 6FE133 by changing the saturation by 10% instead.

 6FE133

 6FE133

FFFFFF

 4FC405

 ACFF6E

 2AA900

 CAFF8B

 008D00


 E8FFA7

 007300

 FFFFC4

 005900

 FFFFE1

 004000

 002900

 000300

 000000

 6FE133

 6FE133

 60E11C

 7EE149

 52E106

 8CE160

 4EE100

 9BE176

 AAE18D

 B9E1A3

 C7E1BA

 D6E1D0

 E5E1E7

 F4E1FD

Harmonies

Analogous

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



D1CE00



6FE133



00EB8C

Triad

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



6FE133



00E0FF



FF69AB

Complementary

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



6FE133



A53E1

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.



FF77FF



6FE133



00C7FF

Square

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



6FE133



00ECFF



F2A1FF



FF885A

Rectangle

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



6FE133



00EEC8



F2A1FF



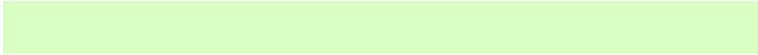
FF68C8

Sweetspot

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



6FE133



D9FFC4



E1A433



68805C



000000



808080

Same Dimension

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



6FE133



64FF12



33E14D



697065



3DB000



113000

Inverse Universe

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



A533E1



AD12FF



E133C7



6C6570



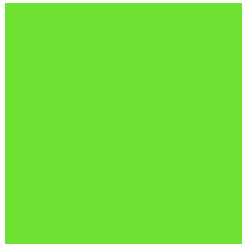
7300B0



200030

Previews

White Background



This preview shows how the Hex color 6FE133 looks on a white background.

Color Contrast Check

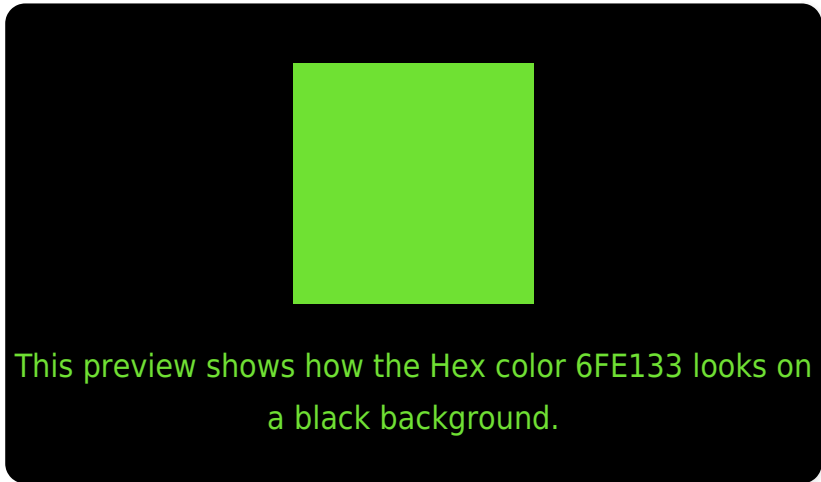
Large Text (above 18pt) WCAG AA × Fail

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 6FE133 Background



This preview shows how black text looks on a background with the Hex color 6FE133.

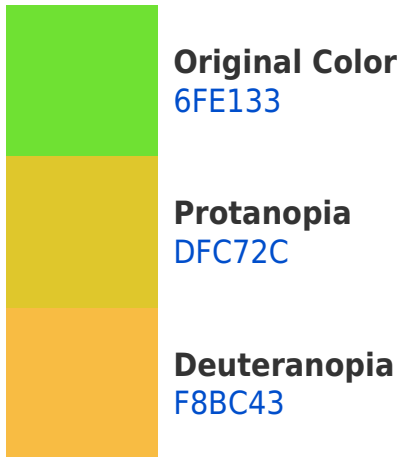


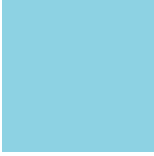
This preview shows how white text looks on a background with the Hex color 6FE133.

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
8DD2E3

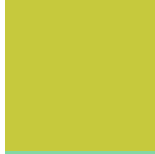
Trichromacy



Original Color
6FE133



Protanomaly
B6D02F



Deuteranomaly
C6C93D



Tritanomaly
82D7A3

Monochromacy



Original Color
6FE133



Achromatopsia
ABABAB



Achromatomaly
95BF7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE133 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 #6FE133 looks like.

```
.text, #text, p{  
    color:#6FE133  
}
```

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 #6FE133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE133
}
```

Border

The CSS property to change the border of an element to Hex 6FE133 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
#6FE133 }
```

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

```
.border{ border-color:#6FE133 }
```

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

Here you see how a box with a 4 pixel #6FE133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE133; -webkit-box-shadow:4px 4px  
4px 4px #6FE133; box-shadow:4px 4px 4px  
4px #6FE133 }
```

Background

The CSS property to change the background color of an element to Hex 6FE133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE133 }
```

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

```
.background{ background-color:#6FE133 }
```

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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