

Converting Colors

Hex(6FE775)

Have a look what the booklet for
Hex(6FE775) contains.

Hex(6FE775)	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(6FE775)

Conversions

Conversions Part 1

Format	Color
Hex	6FE775
RGB	111, 231, 117
RGB Percent	44%, 91%, 46%
CMY	0.5647, 0.0941, 0.5412
CMYK	0.52, 0.00, 0.49, 0.09
HSL	123°, 71%, 67%
HSV	123°, 52%, 91%
XYZ	38.3423, 61.8157, 26.7404
YIQ	182.1240, -34.9260, -60.8940

Conversions

Conversions Part 2

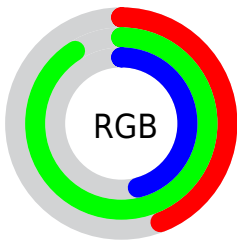
Format	Color
RYB	111, 225, 231
Decimal	7333749
CIELab	82.82, -56.48, 45.12
CIELCh	83, 72.295, 141.378
Yxy	61.8157, 0.3021, 0.4871
Android (android.graphics.Color)	4285523829 (0xFF6FE775)
YUV	182.1240, -32.1061, -62.3757
Hunter-Lab	78.6230, -50.5404, 34.8710

Details

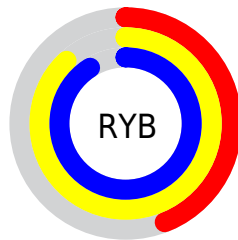
The Hex color **6FE775** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E76FE1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AAFFAB**, and **2EAE41** is the 20% darker color. If you saturate the color by 10%, you get **58E75F**, and if you desaturate by 10%, it is **86E78B**.

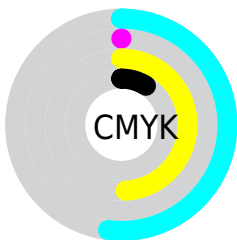
Distribution



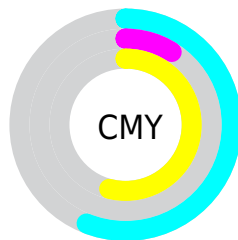
- Red (44%)
- Green (91%)
- Blue (46%)



- Red (44%)
- Yellow (88%)
- Blue (91%)



- Cyan (52%)
- Magenta (0%)
- Yellow (49%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FE775 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 6FE775 by changing the saturation by 10% instead.

 6FE775

 6FE775


FFFFFF

 50CA5B

 AAFFAB

 2EAE41

 C8FFC7

 009327

 E6FFE3

 007808

 005F00

 004500

 002F00

 001200

 000000

 6FE775

 6FE775

 58E75F

 86E78B

 41E749

 9DE7A1

 2AE733

 B4E7B7

 13E71D

 CBE7CD

 00E70C

 E3E7E3

 FAE7F9

 FFE7FF

Harmonies

Analogous

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



C3D944



6FE775



00EEB8

Triad

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



6FE775



00DCFF



FF93A1

Complementary

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



6FE775



E76FE1

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.



FF92E5



6FE775



ADC4FF

Square

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



6FE775



00E9FF



FFA7FF



FFA965

Rectangle

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



6FE775



00EFE7



FFA7FF



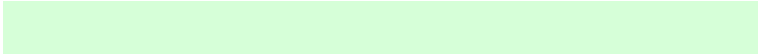
FF90B7

Sweetspot

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



6FE775



D6FFD8



E1E76F



678068



000000



808080

Same Dimension

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



6FE775



61FF69



6FE7B1



677368



00B309



003303

Inverse Universe

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



E76FE1



FF61F7



E76FA5



736772



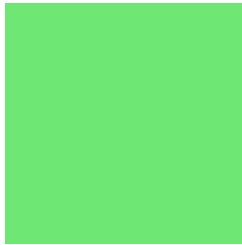
B300AA



330030

Previews

White Background



This preview shows how the Hex color 6FE775 looks on a white background.

Color Contrast Check

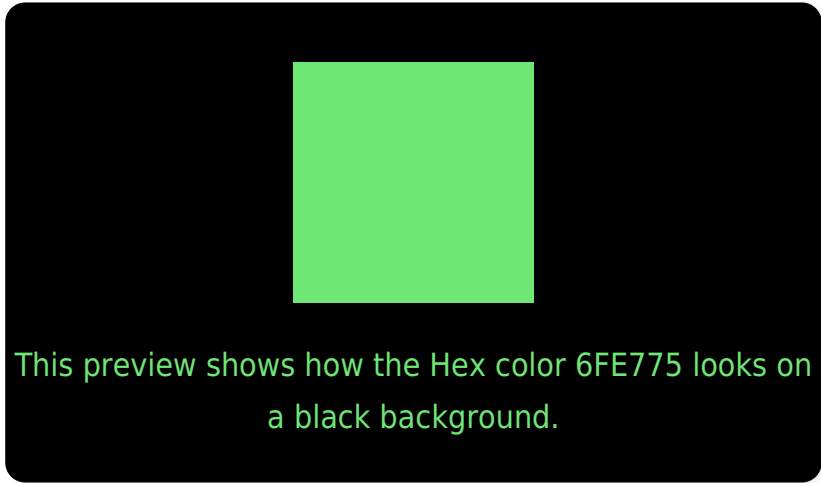
Large Text (above 18pt) WCAG AA × Fail

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 6FE775 Background



This preview shows how black text looks on a background with the Hex color 6FE775.

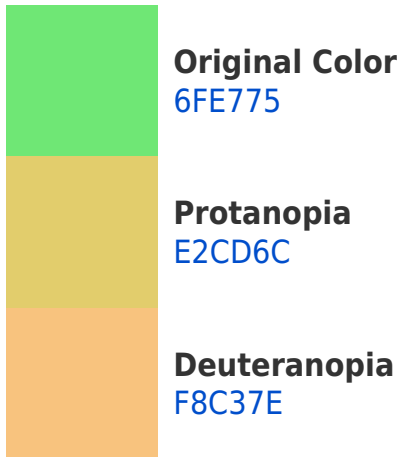


This preview shows how white text looks on a background with the Hex color 6FE775.

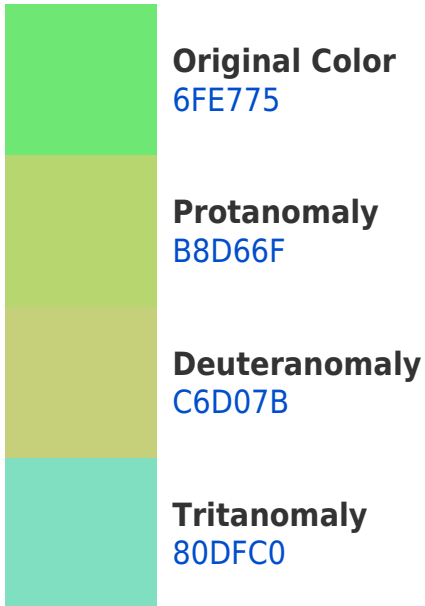
Color Blindness Simulation

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](#).

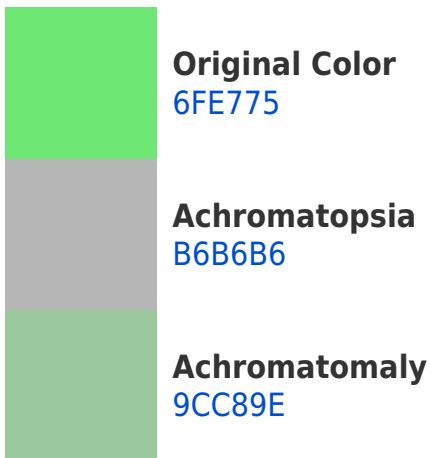
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FE775 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 #6FE775 looks like.

```
.text, #text, p{  
    color:#6FE775  
}
```

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 #6FE775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FE775  
}
```

Border

The CSS property to change the border of an element to Hex 6FE775 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  
#6FE775 }
```

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

```
.border{ border-color:#6FE775 }
```

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

Here you see how a box with a 4 pixel #6FE775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FE775; -webkit-box-shadow:4px 4px  
4px 4px #6FE775; box-shadow:4px 4px 4px  
4px #6FE775 }
```

Background

The CSS property to change the background color of an element to Hex 6FE775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FE775 }
```

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

```
.background{ background-color:#6FE775 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor