

Converting Colors

Hex(7EE476)

Have a look what the booklet for
Hex(7EE476) contains.

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Color

Hex(7EE476)

Conversions

Conversions Part 1

Format	Color
Hex	7EE476
RGB	126, 228, 118
RGB Percent	49%, 89%, 46%
CMY	0.5059, 0.1059, 0.5373
CMYK	0.45, 0.00, 0.48, 0.11
HSL	116°, 67%, 68%
HSV	116°, 48%, 89%
XYZ	39.6176, 61.2304, 26.8701
YIQ	184.9620, -25.4820, -55.8340

Conversions

Conversions Part 2

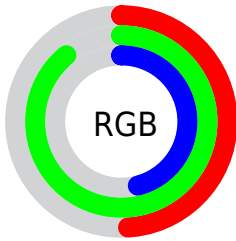
Format	Color
RYB	118, 228, 220
Decimal	8316022
CIELab	82.50, -51.08, 44.38
CIELCh	83, 67.671, 139.015
Yxy	61.2304, 0.3102, 0.4794
Android (android.graphics.Color)	4286506102 (0xFF7EE476)
YUV	184.9620, -33.0123, -51.7097
Hunter-Lab	78.2499, -46.5634, 34.4154

Details

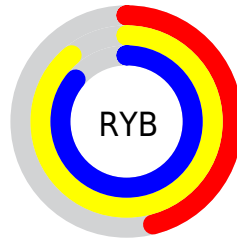
The Hex color **7EE476** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DC76E4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B8FFAC**, and **43AC42** is the 20% darker color. If you saturate the color by 10%, you get **69E45F**, and if you desaturate by 10%, it is **93E48D**.

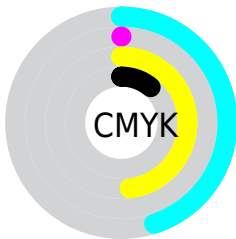
Distribution



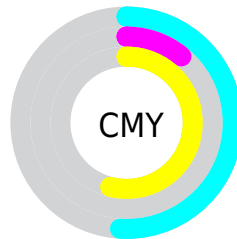
- Red (49%)
- Green (89%)
- Blue (46%)



- Red (46%)
- Yellow (89%)
- Blue (86%)



- Cyan (45%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7EE476 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 7EE476 by changing the saturation by 10% instead.

 7EE476

 7EE476

FFFFFF

 61C85C

 B8FFAC

 43AC42

 D5FFC8

 219129

 F3FFE4

 00760B

 005D00

 004400

 002E00

 001000

 000000

 7EE476

 7EE476

 69E45F

 93E48D

 54E448

 A8E4A4

 3FE432


 BDE4BA

 29E41B

 D3E4D1

 14E404

 E8E4E8

 11E400

 FDE4FF

 FFE4FF

Harmonies

Analogous

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



C9D64D



7EE476



00EBB3

Triad

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



7EE476



00DBFF



FF97A7

Complementary

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



7EE476



DC76E4

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.



FF97E7



7EE476



A7C6FF

Square

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



7EE476



00E8FF



FFACFF



FFA96F

Rectangle

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



7EE476



00EDDF



FFACFF



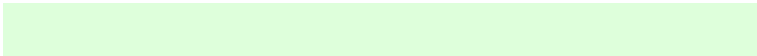
FF94BD

Sweetspot

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



7EE476



DEFFDB



E4DB76



6B806A



000000



808080

Same Dimension

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



7EE476



76FF6B



76E4A4



687367



0DB300



043300

Inverse Universe

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



DC76E4



F46BFF



E476B6



726773



A600B3



2F0033

Previews

White Background



This preview shows how the Hex color 7EE476 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



This preview shows how the Hex color 7EE476 looks on a 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 7EE476 Background



This preview shows how black text looks on a background with the Hex color 7EE476.

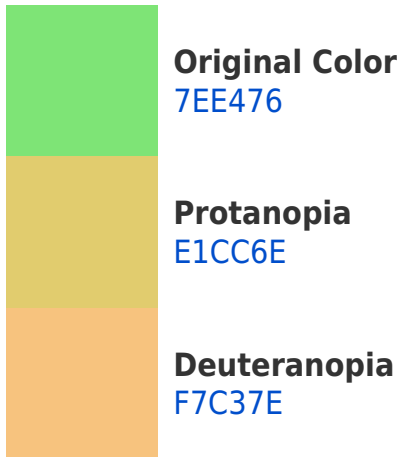


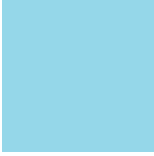
This preview shows how white text looks on a background with the Hex color 7EE476.

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
95D7E9

Trichromacy



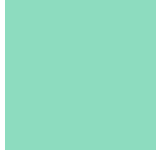
Original Color
7EE476



Protanomaly
BDD571



Deuteranomaly
CBCF7B

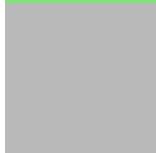


Tritanomaly
8DDCBF

Monochromacy



Original Color
7EE476



Achromatopsia
B9B9B9



Achromatomaly
A4C9A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EE476 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 #7EE476 looks like.

```
.text, #text, p{  
    color:#7EE476  
}
```

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 #7EE476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE476
}
```

Border

The CSS property to change the border of an element to Hex 7EE476 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
#7EE476 }
```

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

```
.border{ border-color:#7EE476 }
```

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

Here you see how a box with a 4 pixel #7EE476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE476; -webkit-box-shadow:4px 4px  
4px 4px #7EE476; box-shadow:4px 4px 4px  
4px #7EE476 }
```

Background

The CSS property to change the background color of an element to Hex 7EE476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE476 }
```

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

```
.background{ background-color:#7EE476 }
```

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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