

Converting Colors

Hex(70E16A)

Have a look what the booklet for
Hex(70E16A) contains.

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Color

Hex(70E16A)

Conversions

Conversions Part 1

Format	Color
Hex	70E16A
RGB	112, 225, 106
RGB Percent	44%, 88%, 42%
CMY	0.5608, 0.1176, 0.5843
CMYK	0.50, 0.00, 0.53, 0.12
HSL	117°, 66%, 65%
HSV	117°, 53%, 88%
XYZ	36.2088, 58.3358, 22.9872
YIQ	177.6470, -29.1490, -60.9650

Conversions

Conversions Part 2

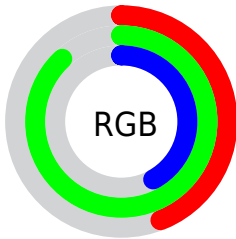
Format	Color
RYB	106, 225, 219
Decimal	7397738
CIELab	80.93, -55.32, 48.02
CIELCh	81, 73.256, 139.038
Yxy	58.3358, 0.3081, 0.4963
Android (android.graphics.Color)	4285587818 (0xFF70E16A)
YUV	177.6470, -35.3220, -57.5724
Hunter-Lab	76.3779, -49.0389, 35.6202

Details

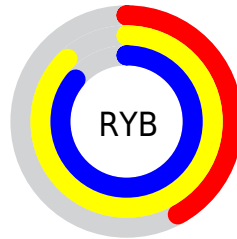
The Hex color **70E16A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DB6AE1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ABFFA0**, and **30A936** is the 20% darker color. If you saturate the color by 10%, you get **5BE154**, and if you desaturate by 10%, it is **85E181**.

Distribution



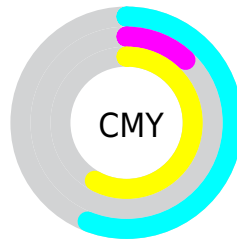
- Red (44%)
- Green (88%)
- Blue (42%)



- Red (42%)
- Yellow (88%)
- Blue (86%)



- Cyan (50%)
- Magenta (0%)
- Yellow (53%)
- Black (12%)



- Cyan (56%)
- Magenta (12%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E16A 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 70E16A by changing the saturation by 10% instead.

 70E16A

 70E16A

FFFFFF

 52C550

 ABFFA0

 30A936

 C8FFBC

 008E1A

 E6FFD8

 007300

 FFFFF5

 005900

 004100

 002A00

 000600

 000000

 70E16A

 70E16A

 5BE154

 85E181

 45E13D

 9BE197

 30E127

 B0E1AD

 1BE110

 C5E1C4

 0BE100

 DBE1DB

 F0E1F1

 FFE1FF

Harmonies

Analogous

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



C3D33A



70E16A



00E8AD

Triad

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



70E16A



00D8FF



FF8BA0

Complementary

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



70E16A



DB6AE1

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.



FF8CE5



70E16A



9CC1FF

Square

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



70E16A



00E5FF



FFA4FF



FFA163

Rectangle

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



70E16A



00EADC



FFA4FF



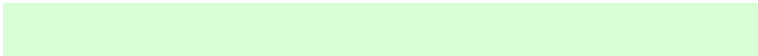
FF88B7

Sweetspot

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



70E16A



D8FFD6



E1D96A



688067



000000



808080

Same Dimension

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



70E16A



66FF5E



6AE19E



667065



09B000



023000

Inverse Universe

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



DB6AE1



F75EFF



E16AAD



706570



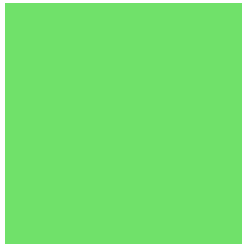
A700B0



2E0030

Previews

White Background



This preview shows how the Hex color 70E16A 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 70E16A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

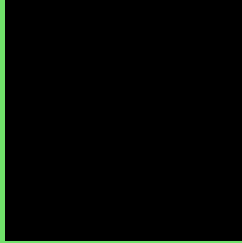
Any Text WCAG AA ✓ Pass

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 70E16A Background



This preview shows how black text looks on a background with the Hex color 70E16A.

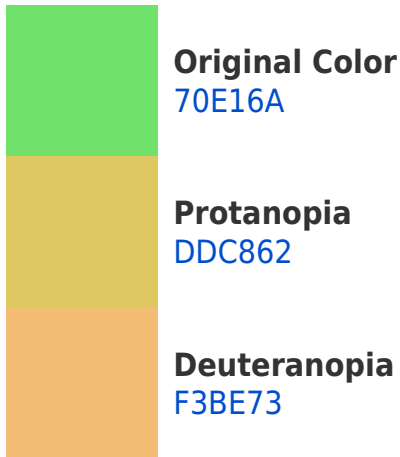


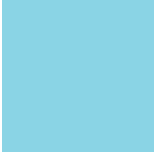
This preview shows how white text looks on a background with the Hex color 70E16A.

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



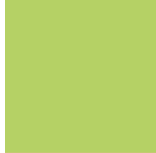


Tritanopia
8AD4E5

Trichromacy



Original Color
70E16A



Protanomaly
B5D165



Deuteranomaly
C3CB70

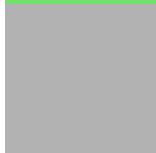


Tritanomaly
81D9B8

Monochromacy



Original Color
70E16A



Achromatopsia
B2B2B2



Achromatomaly
9AC398

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E16A 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 #70E16A looks like.

```
.text, #text, p{  
    color:#70E16A  
}
```

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 #70E16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E16A
}
```

Border

The CSS property to change the border of an element to Hex 70E16A 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
#70E16A }
```

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

```
.border{ border-color:#70E16A }
```

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

Here you see how a box with a 4 pixel #70E16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E16A; -webkit-box-shadow:4px 4px  
4px 4px #70E16A; box-shadow:4px 4px 4px  
4px #70E16A }
```

Background

The CSS property to change the background color of an element to Hex 70E16A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E16A }
```

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

```
.background{ background-color:#70E16A }
```

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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