

# Converting Colors

Hex(70E25C)

Have a look what the booklet for  
Hex(70E25C) contains.

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**Color**

**Hex(70E25C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70E25C
RGB	112, 226, 92
RGB Percent	44%, 89%, 36%
CMY	0.5608, 0.1137, 0.6392
CMYK	0.50, 0.00, 0.59, 0.11
HSL	111°, 70%, 62%
HSV	111°, 59%, 89%
XYZ	35.8102, 58.6102, 19.5507
YIQ	176.6380, -24.9300, -65.8420

# Conversions

## Conversions Part 2

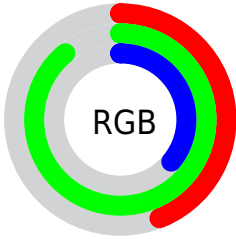
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 226, 206
Decimal	7397980
CIELab	81.08, -57.31, 54.54
CIElCh	81, 79.114, 136.417
Yxy	58.6102, 0.3142, 0.5143
Android (android.graphics.Color)	4285588060 (0xFF70E25C)
YUV	176.6380, -41.7265, -56.6875
Hunter-Lab	76.5573, -50.4806, 38.4490

# Details

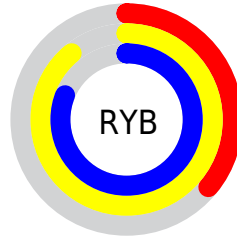
The Hex color **70E25C** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **CE5CE2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **ABFF92**, and **2FAA25** is the 20% darker color. If you saturate the color by 10%, you get **5DE245**, and if you desaturate by 10%, it is **83E273**.

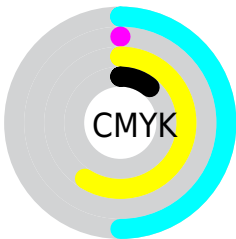
# Distribution



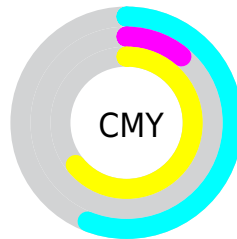
- Red (44%)
- Green (89%)
- Blue (36%)



- Red (36%)
- Yellow (89%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70E25C 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 70E25C by changing the saturation by 10% instead.



 70E25C

 70E25C


FFFFFF

 51C541

 ABFF92

 2FAA25

 C9FFAE

 008E00

 E7FFCA

 007400

 FFFFE7

 005A00

 004100

 002B00

 000700

 000000

 70E25C

 70E25C

 5DE245

 83E273

 4AE22F

 96E289

 36E218

 AAE2A0

 23E202

 BDE2B6

 22E200

 D0E2CD

 E3E2E4

 F7E2FA

 FFE2FF

# Harmonies

## Analogous

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



C8D223



70E25C



00EAA4

# Triad

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



70E25C



00DBFF



FF83A4

# Complementary

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



70E25C



CE5CE2

# 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.



FF87EE



70E25C



84C4FF

# Square

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



70E25C



00E8FF



FFA3FF



FF9B60

# Rectangle

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



70E25C



00ECD8



FFA3FF



FF80BC

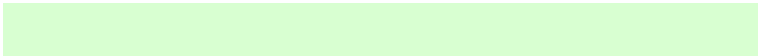


# Sweetspot

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



70E25C



D8FFD1



E2CE5C



688063



000000



808080



# Same Dimension

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



70E25C



65FF4A



5CE28B



677065



1AB000



073000



# Inverse Universe

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



CE5CE2



E44AFF



E25CB3



6F6570



9600B0



290030



# Previews

## White Background



This preview shows how the Hex color 70E25C looks on a white background.

## Color Contrast Check

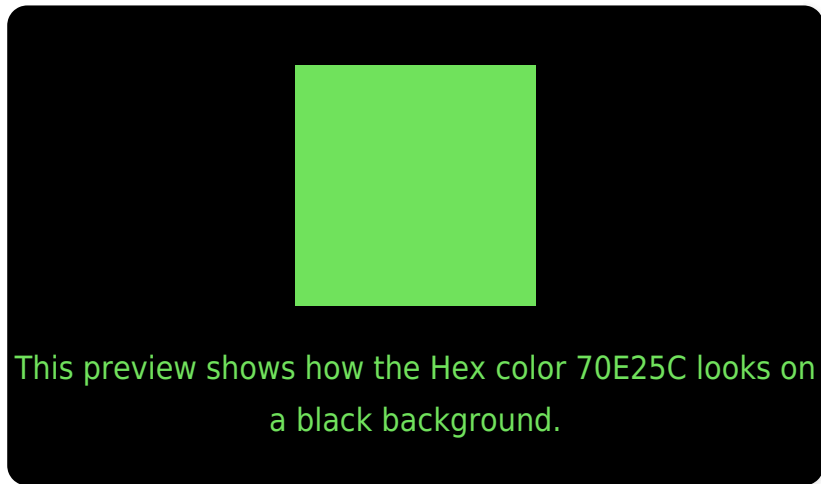
Large Text (above 18pt) WCAG AA × Fail

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

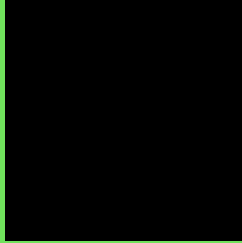
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70E25C Background



This preview shows how black text looks on a background with the Hex color 70E25C.

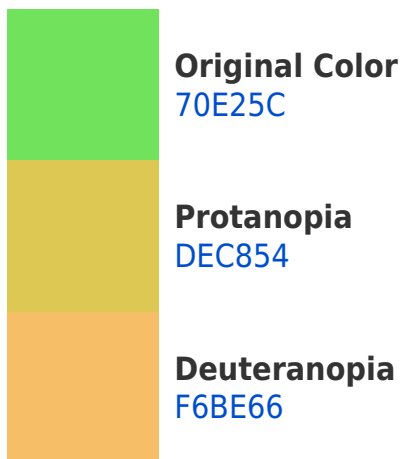


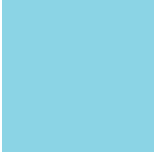
This preview shows how white text looks on a background with the Hex color 70E25C.

# 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**  
8BD4E5

# Trichromacy



**Original Color**  
70E25C



**Protanomaly**  
B6D157



**Deuteranomaly**  
C5CB62



**Tritanomaly**  
81D9B3

# Monochromacy



**Original Color**  
70E25C



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
99C392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70E25C 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 #70E25C looks like.

```
.text, #text, p{  
    color:#70E25C  
}
```

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 #70E25C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E25C
}
```

## Border

The CSS property to change the border of an element to Hex 70E25C 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
#70E25C }
```

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

```
.border{ border-color:#70E25C }
```

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

Here you see how a box with a 4 pixel #70E25C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E25C; -webkit-box-shadow:4px 4px  
4px 4px #70E25C; box-shadow:4px 4px 4px  
4px #70E25C }
```

# Background

The CSS property to change the background color of an element to Hex 70E25C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E25C }
```

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

```
.background{ background-color:#70E25C }
```

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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