

Converting Colors

Hex(73E068)

Have a look what the booklet for
Hex(73E068) contains.

Hex(73E068)	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(73E068)

Conversions

Conversions Part 1

Format	Color
Hex	73E068
RGB	115, 224, 104
RGB Percent	45%, 88%, 41%
CMY	0.5490, 0.1216, 0.5922
CMYK	0.49, 0.00, 0.54, 0.12
HSL	114°, 66%, 64%
HSV	114°, 54%, 88%
XYZ	36.2246, 57.9556, 22.3740
YIQ	177.7290, -26.4440, -60.4280

Conversions

Conversions Part 2

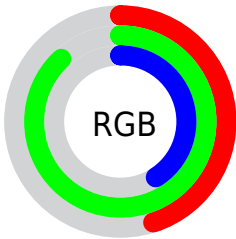
Format	Color
RYB	104, 224, 213
Decimal	7594088
CIELab	80.71, -54.36, 48.73
CIElCh	81, 73.001, 138.126
Yxy	57.9556, 0.3108, 0.4972
Android (android.graphics.Color)	4285784168 (0xFF73E068)
YUV	177.7290, -36.3484, -55.0133
Hunter-Lab	76.1286, -48.2887, 35.8648

Details

The Hex color **73E068** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D568E0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ADFF9E**, and **35A834** is the 20% darker color. If you saturate the color by 10%, you get **5FE052**, and if you desaturate by 10%, it is **87E07E**.

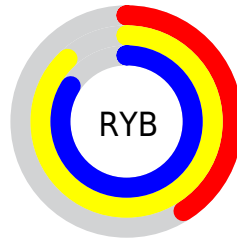
Distribution



Red (45%)

Green (88%)

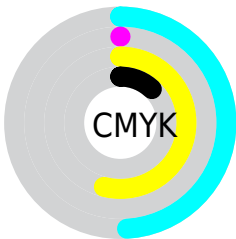
Blue (41%)



Red (41%)

Yellow (88%)

Blue (84%)

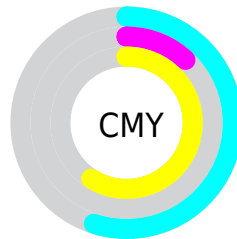


Cyan (49%)

Magenta (0%)

Yellow (54%)

Black (12%)



Cyan (55%)

Magenta (12%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73E068 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 73E068 by changing the saturation by 10% instead.

 73E068

 73E068


FFFFFF

 55C44E

 ADF9E

 35A834

 CBFFBA

 018D17

 E9FFD6

 007200

 FFFFF3

 005900

 004000

 002A00

 000500

 000000

 73E068

 73E068

 5FE052

 87E07E

 4AE03B

 9CE095

 36E025

 B0E0AB

 22E00E

 C4E0C2

 15E000

 D9E0D8

 EDE0EE

 FFE0FF

Harmonies

Analogous

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



C5D239



73E068



00E8AA

Triad

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



73E068



00D8FF



FF8BA2

Complementary

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



73E068



D568E0

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.



FF8CE6



73E068



97C1FF

Square

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



73E068



00E5FF



FFA4FF



FFA064

Rectangle

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



73E068



00E9DA



FFA4FF



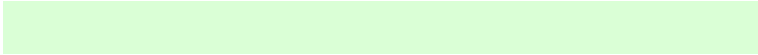
FF88B8

Sweetspot

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



73E068



DAFFD6



E0D468



698067



000000



808080

Same Dimension

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



73E068



6BFF5C



68E098



667065



10B000



043000

Inverse Universe

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



D568E0



F05CFF



E068B0



6F6570



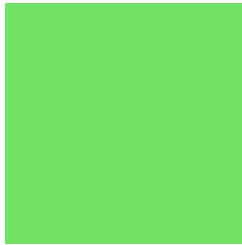
A000B0



2C0030

Previews

White Background



This preview shows how the Hex color 73E068 looks on a white background.

Color Contrast Check

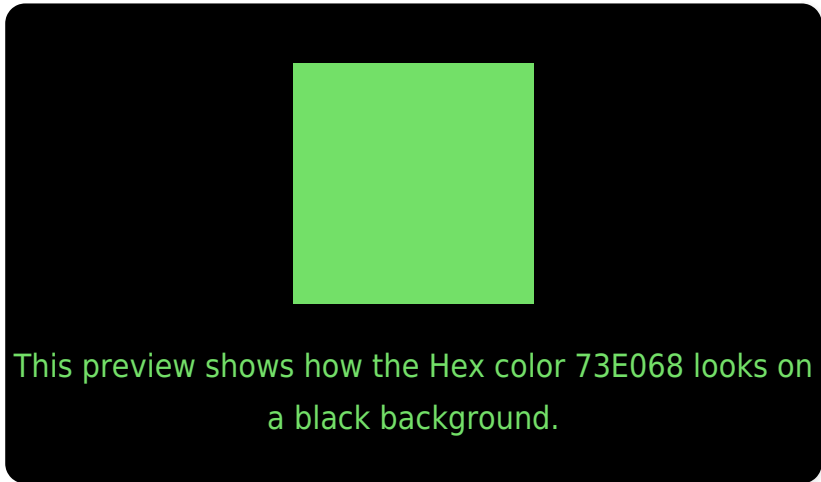
Large Text (above 18pt) WCAG AA × Fail

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

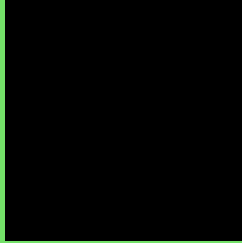
Any Text WCAG AA ✓ Pass

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 73E068 Background



This preview shows how black text looks on a background with the Hex color 73E068.

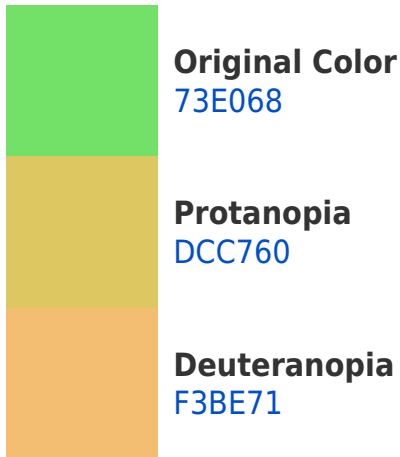


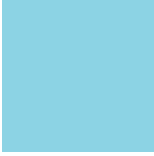
This preview shows how white text looks on a background with the Hex color 73E068.

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





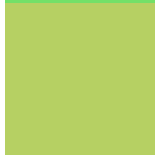
Tritanopia
8CD3E4

Trichromacy



Original Color

73E068



Protanomaly

B6D063



Deuteranomaly

C4CA6E



Tritanomaly

83D8B7

Monochromacy



Original Color

73E068



Achromatopsia

B2B2B2



Achromatomaly

9BC397

CSS Examples

Text

The CSS property to change the color of the text to Hex 73E068 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 #73E068 looks like.

```
.text, #text, p{  
    color:#73E068  
}
```

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 #73E068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73E068
}
```

Border

The CSS property to change the border of an element to Hex 73E068 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
#73E068 }
```

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

```
.border{ border-color:#73E068 }
```

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

Here you see how a box with a 4 pixel #73E068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73E068; -webkit-box-shadow:4px 4px  
4px 4px #73E068; box-shadow:4px 4px 4px  
4px #73E068 }
```

Background

The CSS property to change the background color of an element to Hex 73E068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73E068 }
```

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

```
.background{ background-color:#73E068 }
```

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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