

# Converting Colors

Hex(73E36A)

Have a look what the booklet for  
Hex(73E36A) contains.

|  |    |
|--|----|
| <b>Hex(73E36A)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(73E36A)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 73E36A                       |
| RGB         | 115, 227, 106                |
| RGB Percent | 45%, 89%, 42%                |
| CMY         | 0.5490, 0.1098, 0.5843       |
| CMYK        | 0.49, 0.00, 0.53, 0.11       |
| HSL         | 116°, 68%, 65%               |
| HSV         | 116°, 53%, 89%               |
| XYZ         | 37.1408, 59.6236, 23.1867    |
| YIQ         | 179.7180, -27.9110, -61.3750 |

# Conversions

## Conversions Part 2

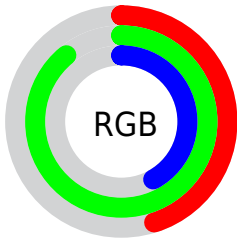
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">106, 227, 218</a>                    |
| Decimal                             | <a href="#">7594858</a>                          |
| CIELab                              | <a href="#">81.63, -55.29, 48.90</a>             |
| CIElCh                              | <a href="#">82, 73.810, 138.508</a>              |
| Yxy                                 | <a href="#">59.6236, 0.3096,<br/>0.4971</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4285784938<br/>(0xFF73E36A)</a>      |
| YUV                                 | <a href="#">179.7180, -36.3430,<br/>-56.7577</a> |
| Hunter-Lab                          | <a href="#">77.2163, -49.2706,<br/>36.2477</a>   |

# Details

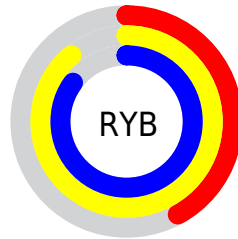
The Hex color **73E36A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DA6AE3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **AEFFA0**, and **34AB36** is the 20% darker color. If you saturate the color by 10%, you get **5EE353**, and if you desaturate by 10%, it is **88E381**.

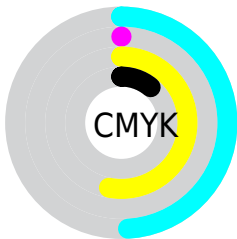
# Distribution



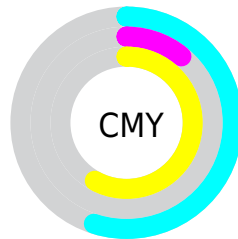
- Red (45%)
- Green (89%)
- Blue (42%)



- Red (42%)
- Yellow (89%)
- Blue (85%)



- Cyan (49%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73E36A 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 73E36A by changing the saturation by 10% instead.



 73E36A

 73E36A

FFFFFF

 55C650

 AEFFA0

 34AB36

 CBFFBC

 008F19

 E9FFD8

 007500

 FFFFF5

 005B00

 004200

 002C00

 000B00

 000000

 73E36A

 73E36A

 5EE353

 88E381

 49E33D


 9DE397

 34E326

 B2E3AE

 1FE30F

 C7E3C5

 11E300

 DCE3DC

 F1E3F2

 FFE3FF

# Harmonies

## Analogous

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



C6D43A



73E36A



00EBAD

# Triad

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



73E36A



00DAFF



FF8DA3

# Complementary

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



73E36A



DA6AE3

# 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.



FF8EE9



73E36A



9AC4FF

# Square

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



73E36A



00E7FF



FFA6FF



FFA265

# Rectangle

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



73E36A



00ECDD



FFA6FF



FF8ABA

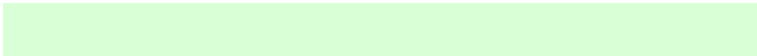


# Sweetspot

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



73E36A



D9FFD6



E3D96A



698067



000000



808080



# Same Dimension

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



73E36A



68FF5C



6AE39C



687367



0DB300



043300



# Inverse Universe

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



DA6AE3



F35CFF



E36AB1



726773



A500B3

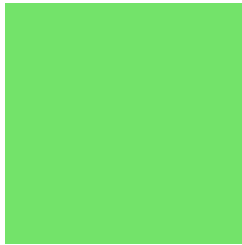


2F0033



# Previews

## White Background



This preview shows how the Hex color 73E36A looks on a white background.

## Color Contrast Check

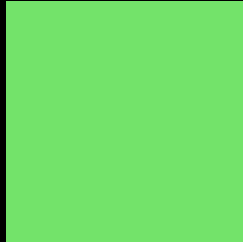
Large Text (above 18pt) WCAG AA × Fail

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 73E36A 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 73E36A Background



This preview shows how black text looks on a background with the Hex color 73E36A.

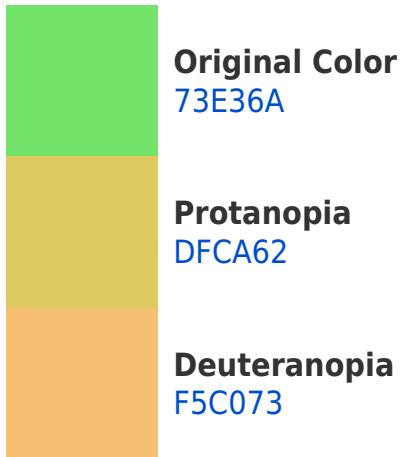


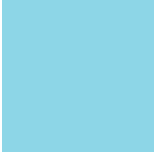
This preview shows how white text looks on a background with the Hex color 73E36A.

# 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**  
8DD6E7

# Trichromacy



**Original Color**  
73E36A



**Protanomaly**  
B8D365



**Deuteranomaly**  
C6CD70



**Tritanomaly**  
84DBBA

# Monochromacy



**Original Color**  
73E36A



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
9CC599

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73E36A 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 #73E36A looks like.

```
.text, #text, p{  
    color:#73E36A  
}
```

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 #73E36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73E36A
}
```

## Border

The CSS property to change the border of an element to Hex 73E36A 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
#73E36A }
```

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

```
.border{ border-color:#73E36A }
```

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

Here you see how a box with a 4 pixel #73E36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73E36A; -webkit-box-shadow:4px 4px  
4px 4px #73E36A; box-shadow:4px 4px 4px  
4px #73E36A }
```

# Background

The CSS property to change the background color of an element to Hex 73E36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73E36A }
```

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

```
.background{ background-color:#73E36A }
```

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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