

# Converting Colors

Hex(74E365)

Have a look what the booklet for  
Hex(74E365) contains.

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**Color**

**Hex(74E365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74E365
RGB	116, 227, 101
RGB Percent	45%, 89%, 40%
CMY	0.5451, 0.1098, 0.6039
CMYK	0.49, 0.00, 0.56, 0.11
HSL	113°, 69%, 64%
HSV	113°, 56%, 89%
XYZ	37.0205, 59.5908, 21.8629
YIQ	179.4470, -25.7100, -62.7180

# Conversions

## Conversions Part 2

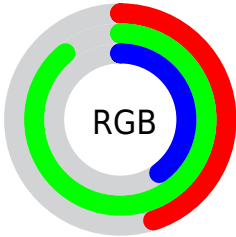
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 227, 212</a>
Decimal	<a href="#">7660389</a>
CIELab	<a href="#">81.62, -55.61, 51.19</a>
CIELCh	<a href="#">82, 75.578, 137.369</a>
Yxy	<a href="#">59.5908, 0.3125, 0.5030</a>
Android (android.graphics.Color)	<a href="#">4285850469 (0xFF74E365)</a>
YUV	<a href="#">179.4470, -38.6744, -55.6430</a>
Hunter-Lab	<a href="#">77.1951, -49.4879, 37.2446</a>

# Details

The Hex color **74E365** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D465E3**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **AFFF9B**, and **35AB30** is the 20% darker color. If you saturate the color by 10%, you get **60E34E**, and if you desaturate by 10%, it is **88E37C**.

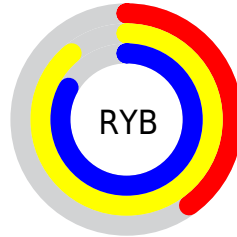
# Distribution



Red (45%)

Green (89%)

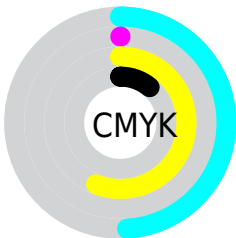
Blue (40%)



Red (40%)

Yellow (89%)

Blue (83%)

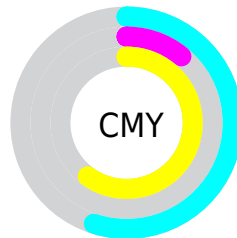


Cyan (49%)

Magenta (0%)

Yellow (56%)

Black (11%)



Cyan (55%)

Magenta (11%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74E365 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 74E365 by changing the saturation by 10% instead.



 74E365

 74E365

FFFFFF

 56C64B

 AFFF9B

 35AB30

 CCFFB7

 008F10

 EAFFD3

 007500

 FFFFF0

 005B00

 004200

 002C00

 000B00

 000000

 74E365

 74E365

 60E34E

 88E37C

 4CE338

 9CE392

 38E321

 B0E3A9

 24E30A

 C4E3C0

 1BE300

 D8E3D7

 ECE3ED

 FFE3FF

# Harmonies

## Analogous

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



C8D433



74E365



00EBA9

# Triad

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



74E365



00DBFF



FF8AA5

# Complementary

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



74E365



D465E3

# Split Complementary

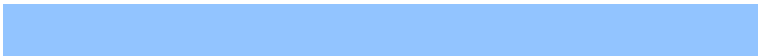
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CEC



74E365



92C4FF

# Square

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



74E365



00E8FF



FFA6FF



FFA065

# Rectangle

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



74E365



00EDDB



FFA6FF



FF87BC

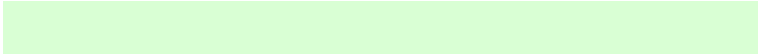


# Sweetspot

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



74E365



D9FFD4



E3D265



698066



000000



808080



# Same Dimension

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



74E365



68FF54



65E393



697367



15B300



063300



# Inverse Universe

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



D465E3



EB54FF



E365B5



716773



9D00B3



2D0033



# Previews

## White Background



This preview shows how the Hex color 74E365 looks on a white background.

## Color Contrast Check

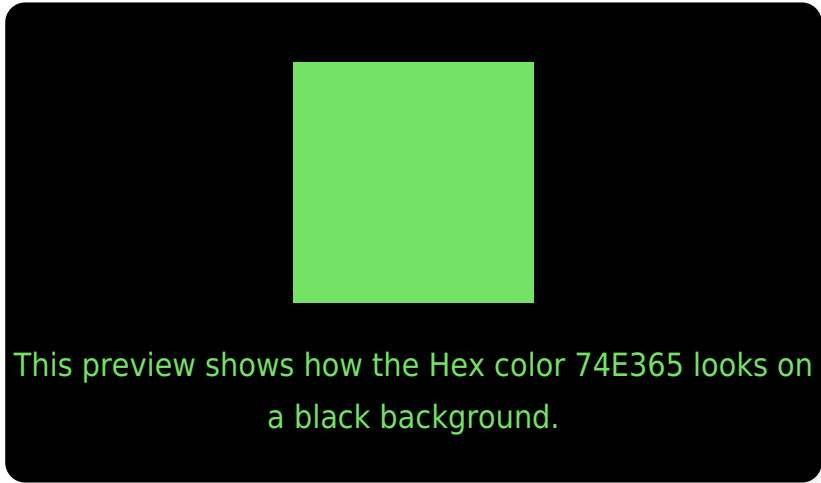
Large Text (above 18pt) WCAG AA × Fail

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

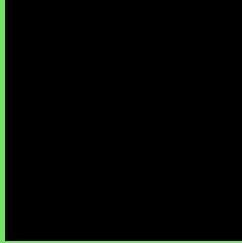
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74E365 Background



This preview shows how black text looks on a background with the Hex color 74E365.

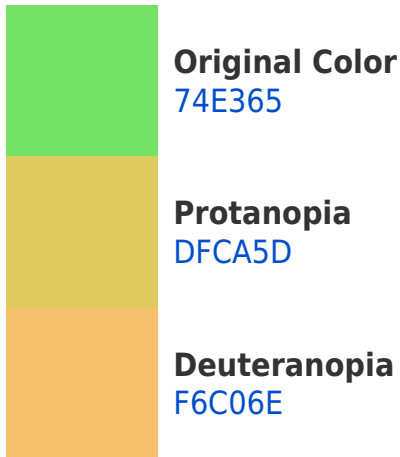


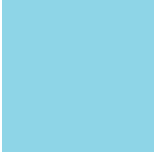
This preview shows how white text looks on a background with the Hex color 74E365.

# 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



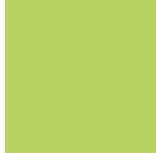


**Tritanopia**  
8ED5E7

# Trichromacy



**Original Color**  
74E365



**Protanomaly**  
B8D360



**Deuteranomaly**  
C7CD6B

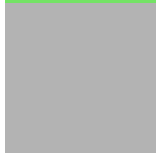


**Tritanomaly**  
85DAB8

# Monochromacy



**Original Color**  
74E365



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
9CC497

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74E365 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 #74E365 looks like.

```
.text, #text, p{  
    color:#74E365  
}
```

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 #74E365 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E365
}
```

## Border

The CSS property to change the border of an element to Hex 74E365 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
#74E365 }
```

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

```
.border{ border-color:#74E365 }
```

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

Here you see how a box with a 4 pixel #74E365 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E365; -webkit-box-shadow:4px 4px  
4px 4px #74E365; box-shadow:4px 4px 4px  
4px #74E365 }
```

# Background

The CSS property to change the background color of an element to Hex 74E365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E365 }
```

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

```
.background{ background-color:#74E365 }
```

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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