

Converting Colors

Hex(74E255)

Have a look what the booklet for
Hex(74E255) contains.

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Color

Hex(74E255)

Conversions

Conversions Part 1

Format	Color
Hex	74E255
RGB	116, 226, 85
RGB Percent	45%, 89%, 33%
CMY	0.5451, 0.1137, 0.6667
CMYK	0.49, 0.00, 0.62, 0.11
HSL	107°, 71%, 61%
HSV	107°, 62%, 89%
XYZ	36.0385, 58.7616, 18.0370
YIQ	177.0360, -20.2990, -67.1710

Conversions

Conversions Part 2

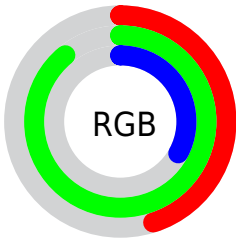
Format	Color
RYB	85, 226, 195
Decimal	7660117
CIELab	81.16, -56.90, 57.68
CIELCh	81, 81.021, 134.613
Yxy	58.7616, 0.3194, 0.5208
Android (android.graphics.Color)	4285850197 (0xFF74E255)
YUV	177.0360, -45.3737, -53.5286
Hunter-Lab	76.6561, -50.2296, 39.7085

Details

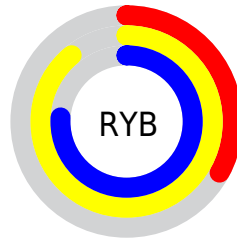
The Hex color **74E255** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C355E2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AFFF8C**, and **34AA1A** is the 20% darker color. If you saturate the color by 10%, you get **62E23E**, and if you desaturate by 10%, it is **86E26C**.

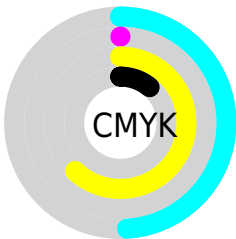
Distribution



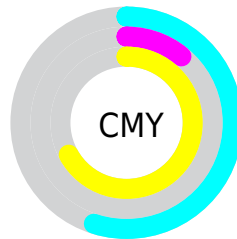
- Red (45%)
- Green (89%)
- Blue (33%)



- Red (33%)
- Yellow (89%)
- Blue (76%)



- Cyan (49%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74E255 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 74E255 by changing the saturation by 10% instead.

 74E255

 74E255

FFFFFF

 56C639

 AFFF8C

 34AA1A

 CDFFA7

 008E00

 EBFFC4

 007400

 FFFFEO

 005A00

FFFFFFE

 004100

 002B00

 000800

 000000

 74E255

 74E255

 62E23E

 86E26C

 51E228

 97E282

 3FE211

 A9E299

 32E200

 BBE2AF

 CCE2C6

 DEE2DD

 EFE2F3

 FFE2FF

Harmonies

Analogous

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



CCD117



74E255



00EB9F

Triad

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



74E255



00DDFF



FF80A8

Complementary

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



74E255



C355E2

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.



FF85F4



74E255



74C6FF

Square

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



74E255



00EAFF



FCA4FF



FF9861

Rectangle

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



74E255



00EDD3



FCA4FF



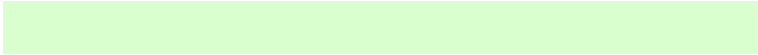
FF7EC1

Sweetspot

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



74E255



D9FFCF



E2C155



698062



000000



808080

Same Dimension

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



74E255



6AFF40



55E27B



677065



27B000



0B3000

Inverse Universe

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



C355E2



D540FF



E255BC



6E6570



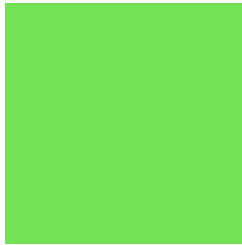
8900B0



260030

Previews

White Background



This preview shows how the Hex color 74E255 looks on a white background.

Color Contrast Check

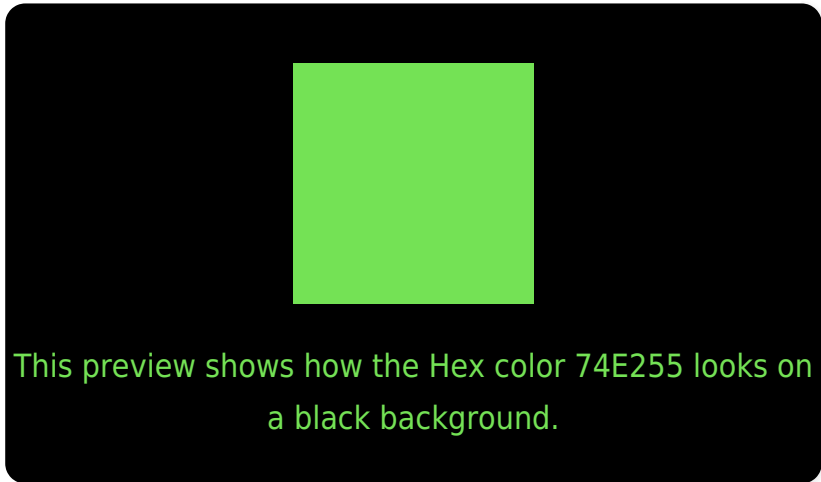
Large Text (above 18pt) WCAG AA × Fail

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 74E255 Background



This preview shows how black text looks on a background with the Hex color 74E255.

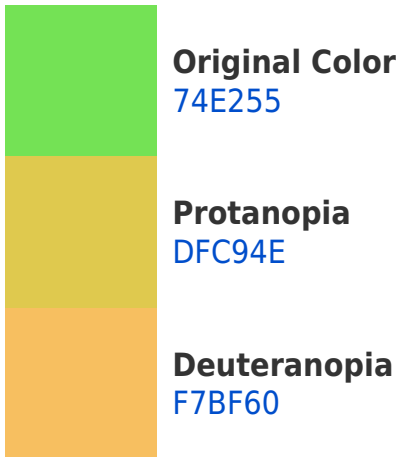


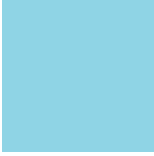
This preview shows how white text looks on a background with the Hex color 74E255.

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
8FD4E5

Trichromacy



Original Color

74E255



Protanomaly

B8D251



Deuteranomaly

C7CC5C



Tritanomaly

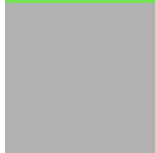
85D9B1

Monochromacy



Original Color

74E255



Achromatopsia

B1B1B1



Achromatomaly

9BC390

CSS Examples

Text

The CSS property to change the color of the text to Hex 74E255 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 #74E255 looks like.

```
.text, #text, p{  
    color:#74E255  
}
```

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 #74E255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E255
}
```

Border

The CSS property to change the border of an element to Hex 74E255 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
#74E255 }
```

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

```
.border{ border-color:#74E255 }
```

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

Here you see how a box with a 4 pixel #74E255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E255; -webkit-box-shadow:4px 4px  
4px 4px #74E255; box-shadow:4px 4px 4px  
4px #74E255 }
```

Background

The CSS property to change the background color of an element to Hex 74E255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E255 }
```

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

```
.background{ background-color:#74E255 }
```

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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