

Converting Colors

Hex(74D675)

Have a look what the booklet for
Hex(74D675) contains.

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Color

Hex(74D675)

Conversions

Conversions Part 1

Format	Color
Hex	74D675
RGB	116, 214, 117
RGB Percent	45%, 84%, 46%
CMY	0.5451, 0.1608, 0.5412
CMYK	0.46, 0.00, 0.45, 0.16
HSL	121°, 54%, 65%
HSV	121°, 46%, 84%
XYZ	34.4599, 53.0905, 25.2609
YIQ	173.6400, -27.2710, -50.9430

Conversions

Conversions Part 2

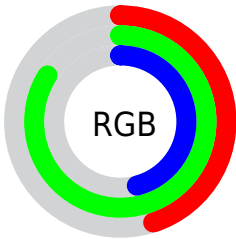
Format	Color
RYB	116, 213, 214
Decimal	7657077
CIELab	77.93, -48.33, 39.05
CIELCh	78, 62.140, 141.063
Yxy	53.0905, 0.3055, 0.4706
Android (android.graphics.Color)	4285847157 (0xFF74D675)
YUV	173.6400, -27.9235, -50.5503
Hunter-Lab	72.8632, -43.0909, 30.4491

Details

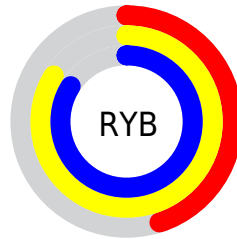
The Hex color **74D675** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D674D5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **ADFFAA**, and **3A9E42** is the 20% darker color. If you saturate the color by 10%, you get **5FD660**, and if you desaturate by 10%, it is **89D68A**.

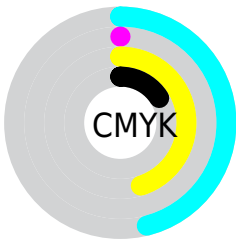
Distribution



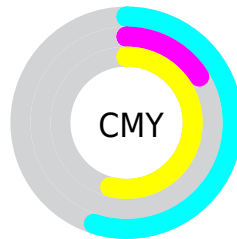
- Red (45%)
- Green (84%)
- Blue (46%)



- Red (45%)
- Yellow (84%)
- Blue (84%)



- Cyan (46%)
- Magenta (0%)
- Yellow (45%)
- Black (16%)



- Cyan (55%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D675 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 74D675 by changing the saturation by 10% instead.

 74D675

 74D675

FFFFFF

 57BA5B

 ADFFAA

 3A9E42

 CAFFC6

 15842A

 E7FFE3

 006A0F

 005100

 003800

 002300

 000000

 74D675

 74D675

 5FD660

 89D68A

 49D64B

 9FD69F

 34D635

 B4D6B5

 1ED620

 CAD6CA

 09D60B

 DFD6DF

 00D602

 F4D6F4

 FFD6FF

Harmonies

Analogous

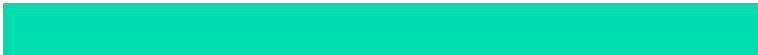
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9CA4E



74D675



00DCAD

Triad

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



74D675



00CCFF



FF909A

Complementary

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



74D675



D674D5

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.



FF90D4



74D675



A6B8FF

Square

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



74D675



00D8FF



F7A1FF



FFA268

Rectangle

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



74D675



00DDD5



F7A1FF



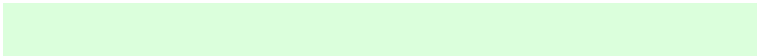
FF8EAD

Sweetspot

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



74D675



DBFFDC



D6D674



6A806A



000000



808080

Same Dimension

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



74D675



73FF74



74D6A5



606B60



00AB02



002B00

Inverse Universe

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



D674D5



FF73FE



D674A5



6B606B



AB00A9



2B002B

Previews

White Background



This preview shows how the Hex color 74D675 looks on a white background.

Color Contrast Check

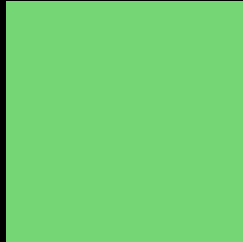
Large Text (above 18pt) WCAG AA × Fail

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 74D675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

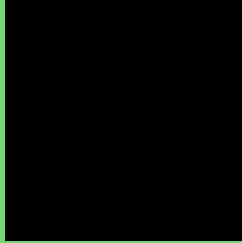
Any Text WCAG AA ✓ Pass

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 74D675 Background



This preview shows how black text looks on a background with the Hex color 74D675.

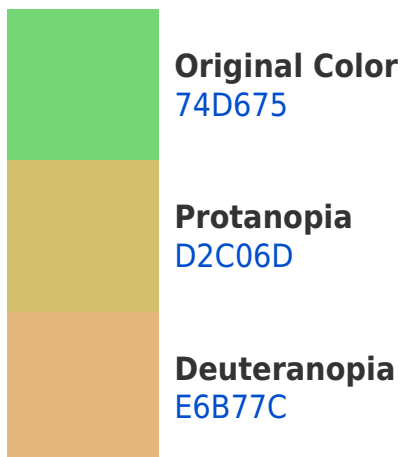


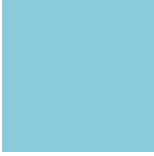
This preview shows how white text looks on a background with the Hex color 74D675.

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](#).

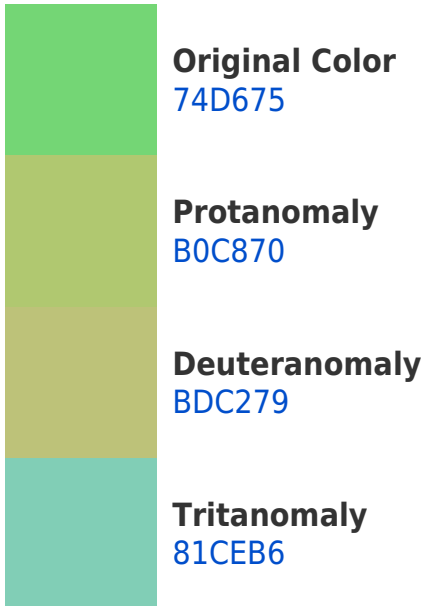
Dichromacy



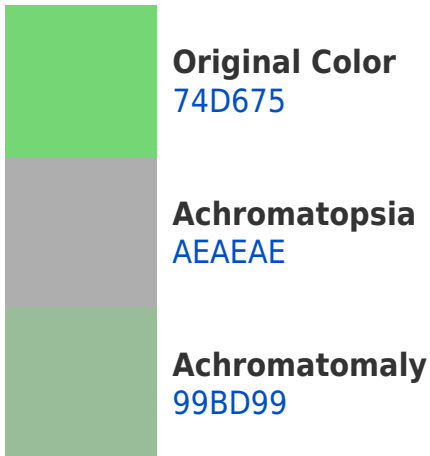


Tritanopia
89CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74D675 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 #74D675 looks like.

```
.text, #text, p{  
    color:#74D675  
}
```

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 #74D675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D675
}
```

Border

The CSS property to change the border of an element to Hex 74D675 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
#74D675 }
```

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

```
.border{ border-color:#74D675 }
```

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

Here you see how a box with a 4 pixel #74D675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D675; -webkit-box-shadow:4px 4px  
4px 4px #74D675; box-shadow:4px 4px 4px  
4px #74D675 }
```

Background

The CSS property to change the background color of an element to Hex 74D675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D675 }
```

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

```
.background{ background-color:#74D675 }
```

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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