

Converting Colors

Hex(75D570)

Have a look what the booklet for
Hex(75D570) contains.

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Color

Hex(75D570)

Conversions

Conversions Part 1

Format	Color
Hex	75D570
RGB	117, 213, 112
RGB Percent	46%, 84%, 44%
CMY	0.5412, 0.1647, 0.5608
CMYK	0.45, 0.00, 0.47, 0.16
HSL	117°, 55%, 64%
HSV	117°, 47%, 84%
XYZ	34.0550, 52.5403, 23.6756
YIQ	172.7820, -24.7950, -51.7630

Conversions

Conversions Part 2

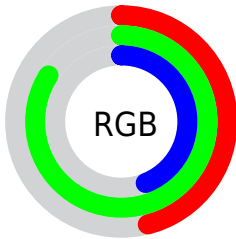
Format	Color
RYB	112, 213, 208
Decimal	7722352
CIELab	77.60, -48.33, 41.12
CIElCh	78, 63.457, 139.611
Yxy	52.5403, 0.3088, 0.4765
Android (android.graphics.Color)	4285912432 (0xFF75D570)
YUV	172.7820, -29.9655, -48.9208
Hunter-Lab	72.4847, -42.9847, 31.3734

Details

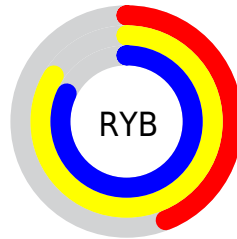
The Hex color **75D570** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D070D5**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **AFFFA5**, and **3B9D3D** is the 20% darker color. If you saturate the color by 10%, you get **61D55B**, and if you desaturate by 10%, it is **89D585**.

Distribution



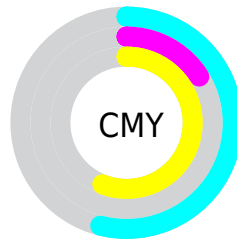
- Red (46%)
- Green (84%)
- Blue (44%)



- Red (44%)
- Yellow (84%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D570 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 75D570 by changing the saturation by 10% instead.

 75D570

 75D570

FFFFFF

 59B956

 AEFFA5

 3B9D3D

 CBFFC1

 178324

 E8FFDD

 006906

 FFFFFA

 005000

 003800

 002200

 000000

 75D570

 75D570

 61D55B

 89D585

 4DD545

 9DD59B

 38D530

 B2D5B0

 24D51B

 C6D5C5

 10D506

 DAD5DB

 0BD500

 EED5F0

 FFD5FF

Harmonies

Analogous

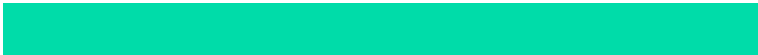
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBC849



75D570



00DCA9

Triad

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



75D570



00CCFF



FF8E9C

Complementary

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



75D570



D070D5

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.



FF8ED7



75D570



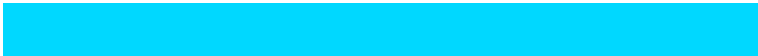
9FB8FF

Square

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



75D570



00D8FF



F4A0FF



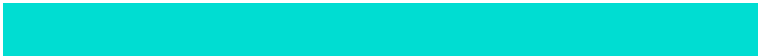
FF9F68

Rectangle

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



75D570



00DDD2



F4A0FF



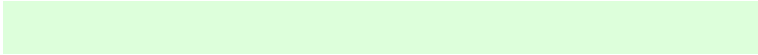
FF8BAF

Sweetspot

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



75D570



DFFDB



D5D070



6B806A



000000



808080

Same Dimension

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



75D570



75FF6E



70D59D



616B60



08AB00



022B00

Inverse Universe

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



D070D5



F86EFF



D570A8



6B606B



A200AB



29002B

Previews

White Background



This preview shows how the Hex color 75D570 looks on a white background.

Color Contrast Check

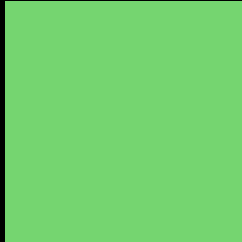
Large Text (above 18pt) WCAG AA × Fail

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 75D570 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 75D570 Background



This preview shows how black text looks on a background with the Hex color 75D570.

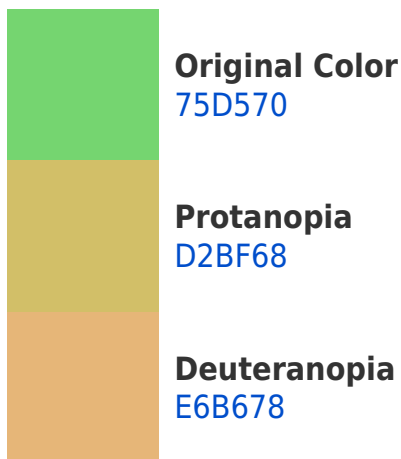


This preview shows how white text looks on a background with the Hex color 75D570.

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](#).

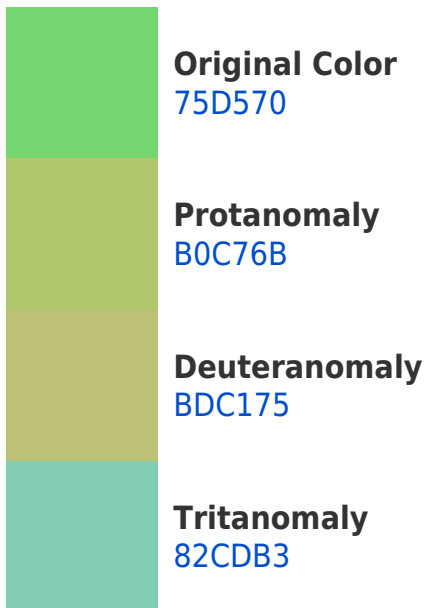
Dichromacy



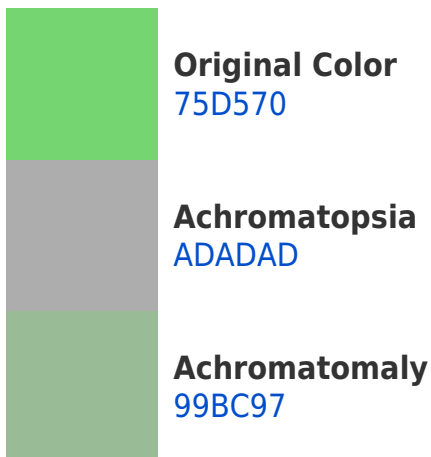


Tritanopia
8AC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75D570 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 #75D570 looks like.

```
.text, #text, p{  
    color:#75D570  
}
```

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 #75D570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D570
}
```

Border

The CSS property to change the border of an element to Hex 75D570 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
#75D570 }
```

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

```
.border{ border-color:#75D570 }
```

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

Here you see how a box with a 4 pixel #75D570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D570; -webkit-box-shadow:4px 4px  
4px 4px #75D570; box-shadow:4px 4px 4px  
4px #75D570 }
```

Background

The CSS property to change the background color of an element to Hex 75D570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D570 }
```

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

```
.background{ background-color:#75D570 }
```

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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