

Converting Colors

Hex(75D037)

Have a look what the booklet for
Hex(75D037) contains.

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Color

Hex(75D037)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 75D037 |
| RGB | 117, 208, 55 |
| RGB Percent | 46%, 82%, 22% |
| CMY | 0.5412, 0.1843, 0.7843 |
| CMYK | 0.44, 0.00, 0.74, 0.18 |
| HSL | 96°, 62%, 52% |
| HSV | 96°, 74%, 82% |
| XYZ | 30.5816, 49.1695, 11.4933 |
| YIQ | 163.3490, -5.1230, -66.8750 |

Conversions

Conversions Part 2

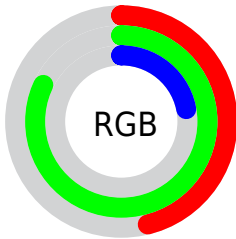
| Format | Color |
|-------------------------------------|--|
| RYB | 55, 208, 146 |
| Decimal | 7721015 |
| CIELab | 75.56, -52.02, 63.34 |
| CIELCh | 76, 81.962, 129.399 |
| Yxy | 49.1695, 0.3352, 0.5389 |
| Android (android.graphics.Color) | 4285911095 (0xFF75D037) |
| YUV | 163.3490, -53.4161, -40.6481 |
| Hunter-Lab | 70.1210, -44.8632, 39.3667 |

Details

The Hex color **75D037** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9237D0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AFFF70**, and **389900** is the 20% darker color. If you saturate the color by 10%, you get **69D022**, and if you desaturate by 10%, it is **81D04C**.

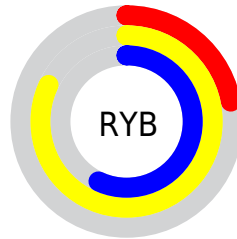
Distribution



Red (46%)

Green (82%)

Blue (22%)



Red (22%)

Yellow (82%)

Blue (57%)

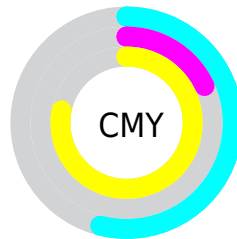


Cyan (44%)

Magenta (0%)

Yellow (74%)

Black (18%)



Cyan (54%)

Magenta (18%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D037 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 75D037 by changing the saturation by 10% instead.



75D037



75D037

FFFFFF



58B414



AFFF70



389900



CDFF8B



0D7E00



EBFFA7



006400



FFFFC4



004B00



FFFFE1



003400



001C00



000000



75D037



75D037

■ 69D022

■ 81D04C

■ 5CD00D

■ 8ED061

■ 54D000

■ 9AD075

■ A6D08A

■ B3D09F

■ BFD0B4

■ CCD0C9

■ D8D0DD

■ E4D0F2

Harmonies

Analogous

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



C8BE00



75D037



00DA82

Triad

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



75D037



00D1FF



FF6BA6

Complementary

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



75D037



9237D0

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.



FF78F1



75D037



00BBFF

Square

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



75D037



00DBFF



DB9BFF



FF815E

Rectangle

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



75D037



00DCB6



DB9BFF



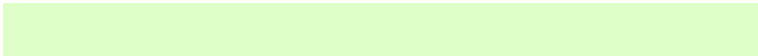
FF6BBF

Sweetspot

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



75D037



DEFFC7



D09037



6C805E



000000



808080

Same Dimension

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



75D037



7AFF1F



37D044



62695E



44A800



112900

Inverse Universe

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



9237D0



A41FFF



D037C3



645E69



6400A8



180029

Previews

White Background



This preview shows how the Hex color 75D037 looks on a white background.

Color Contrast Check

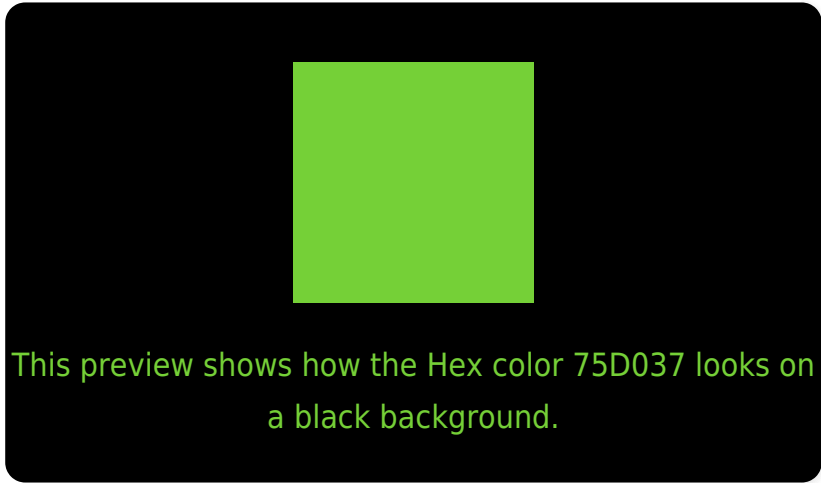
Large Text (above 18pt) WCAG AA × Fail

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 75D037 Background



This preview shows how black text looks on a background with the Hex color 75D037.

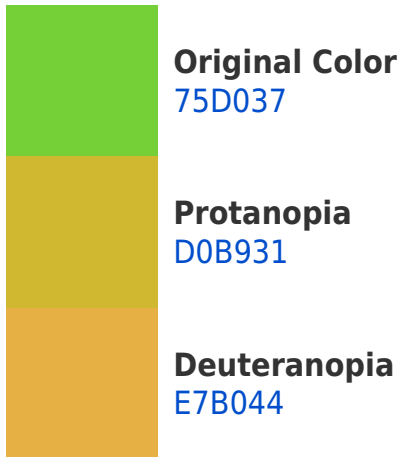


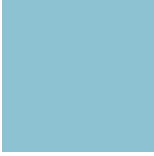
This preview shows how white text looks on a background with the Hex color 75D037.

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
8DC2D2

Trichromacy



Original Color
75D037



Protanomaly
AFC133



Deuteranomaly
BEBC3F



Tritanomaly
84C79A

Monochromacy



Original Color
75D037



Achromatopsia
A3A3A3



Achromatomaly
92B37C

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D037 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 #75D037 looks like.

```
.text, #text, p{  
    color:#75D037  
}
```

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 #75D037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D037
}
```

Border

The CSS property to change the border of an element to Hex 75D037 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
#75D037 }
```

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

```
.border{ border-color:#75D037 }
```

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

Here you see how a box with a 4 pixel #75D037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D037; -webkit-box-shadow:4px 4px  
4px 4px #75D037; box-shadow:4px 4px 4px  
4px #75D037 }
```

Background

The CSS property to change the background color of an element to Hex 75D037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D037 }
```

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

```
.background{ background-color:#75D037 }
```

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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