

Converting Colors

Hex(75D737)

Have a look what the booklet for
Hex(75D737) contains.

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Color

Hex(75D737)

Conversions

Conversions Part 1

Format	Color
Hex	75D737
RGB	117, 215, 55
RGB Percent	46%, 84%, 22%
CMY	0.5412, 0.1569, 0.7843
CMYK	0.46, 0.00, 0.74, 0.16
HSL	97°, 67%, 53%
HSV	97°, 74%, 84%
XYZ	32.3261, 52.6586, 12.0748
YIQ	167.4580, -7.0480, -70.5360

Conversions

Conversions Part 2

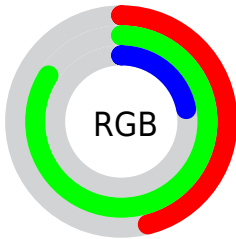
Format	Color
RYB	55, 215, 153
Decimal	7722807
CIELab	77.67, -54.75, 65.42
CIELCh	78, 85.305, 129.927
Yxy	52.6586, 0.3331, 0.5425
Android (android.graphics.Color)	4285912887 (0xFF75D737)
YUV	167.4580, -55.4418, -44.2517
Hunter-Lab	72.5663, -47.4744, 40.9307

Details

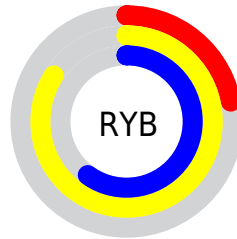
The Hex color **75D737** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9937D7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B0FF70**, and **379F00** is the 20% darker color. If you saturate the color by 10%, you get **68D721**, and if you desaturate by 10%, it is **82D74D**.

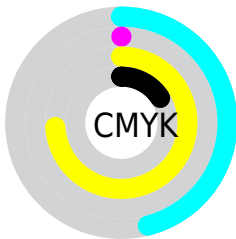
Distribution



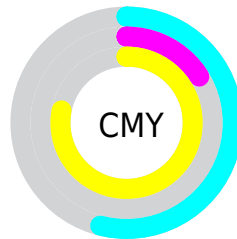
- Red (46%)
- Green (84%)
- Blue (22%)



- Red (22%)
- Yellow (84%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (74%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D737 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 75D737 by changing the saturation by 10% instead.

 75D737

 75D737

FFFFFF

 57BB12

 B0FF70

 379F00

 CEFF8C

 048400

 ECFFA9

 006A00

 FFFFC5

 005100

 FFFF E2

 003900

 002200

 000000

 75D737

 75D737

 68D721

 82D74D

 5BD70C

 8FD762

 53D700

 9DD777

 AAD78D

 B7D7A3

 C4D7B8

 D1D7CE

 DED7E3

 ECD7F9

Harmonies

Analogous

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



CDC500



75D737



00E186

Triad

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



75D737



00D7FF



FF6CA9

Complementary

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



75D737



9937D7

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.



FF79F8



75D737



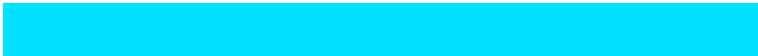
00C1FF

Square

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



75D737



00E2FF



E49EFF



FF855E

Rectangle

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



75D737



00E4BD



E49EFF



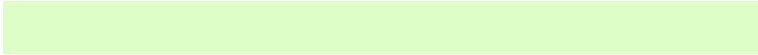
FF6CC4

Sweetspot

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



75D737



DFFFC7



D79737



6B805E



000000



808080

Same Dimension

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



75D737



74FF1C



37D747



656B60



42AB00



112B00

Inverse Universe

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



9937D7



A71CFF



D737C7



67606B



6900AB



1B002B

Previews

White Background



This preview shows how the Hex color 75D737 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 75D737 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 75D737 Background



This preview shows how black text looks on a background with the Hex color 75D737.

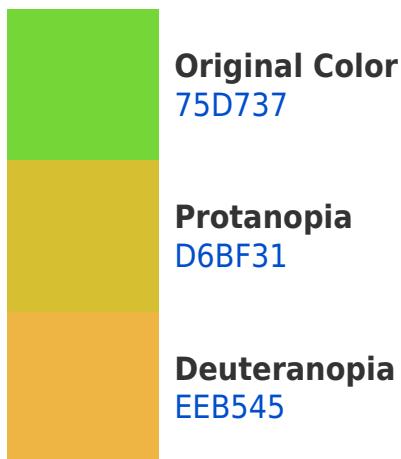


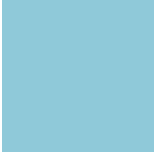
This preview shows how white text looks on a background with the Hex color 75D737.

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
8FC9D9

Trichromacy



Original Color
75D737



Protanomaly
B3C833



Deuteranomaly
C2C140



Tritanomaly
86CE9E

Monochromacy



Original Color
75D737



Achromatopsia
A7A7A7



Achromatomaly
95B87E

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D737 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 #75D737 looks like.

```
.text, #text, p{  
    color:#75D737  
}
```

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 #75D737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D737
}
```

Border

The CSS property to change the border of an element to Hex 75D737 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
#75D737 }
```

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

```
.border{ border-color:#75D737 }
```

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

Here you see how a box with a 4 pixel #75D737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D737; -webkit-box-shadow:4px 4px  
4px 4px #75D737; box-shadow:4px 4px 4px  
4px #75D737 }
```

Background

The CSS property to change the background color of an element to Hex 75D737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D737 }
```

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

```
.background{ background-color:#75D737 }
```

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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