

Converting Colors

Hex(75DE66)

Have a look what the booklet for
Hex(75DE66) contains.

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Color

Hex(75DE66)

Conversions

Conversions Part 1

Format	Color
Hex	75DE66
RGB	117, 222, 102
RGB Percent	46%, 87%, 40%
CMY	0.5412, 0.1294, 0.6000
CMYK	0.47, 0.00, 0.54, 0.13
HSL	112°, 65%, 64%
HSV	112°, 54%, 87%
XYZ	35.8557, 56.9838, 21.6796
YIQ	176.9250, -24.0600, -59.5800

Conversions

Conversions Part 2

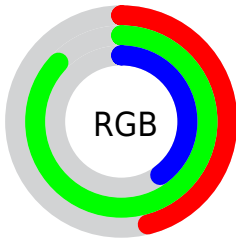
Format	Color
RYB	102, 222, 207
Decimal	7724646
CIELab	80.17, -53.25, 49.02
CIElCh	80, 72.380, 137.365
Yxy	56.9838, 0.3131, 0.4976
Android (android.graphics.Color)	4285914726 (0xFF75DE66)
YUV	176.9250, -36.9380, -52.5542
Hunter-Lab	75.4876, -47.3180, 35.8136

Details

The Hex color **75DE66** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CF66DE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **AFFF9C**, and **38A631** is the 20% darker color. If you saturate the color by 10%, you get **62DE50**, and if you desaturate by 10%, it is **88DE7C**.

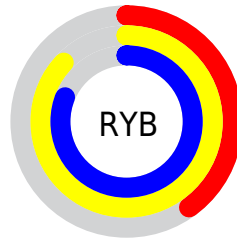
Distribution



Red (46%)

Green (87%)

Blue (40%)



Red (40%)

Yellow (87%)

Blue (81%)

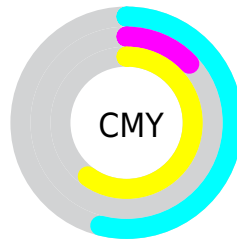


Cyan (47%)

Magenta (0%)

Yellow (54%)

Black (13%)



Cyan (54%)

Magenta (13%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75DE66 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 75DE66 by changing the saturation by 10% instead.

 75DE66

 75DE66

FFFFFF

 58C24C

 AFFF9C

 38A631

 CCFFB7

 0C8B14

 EAFFD4

 007100

 FFFFF1

 005700

 003E00

 002800

 000100

 000000

 75DE66

 75DE66

 62DE50

 88DE7C

 4EDE3A

 9CDE92

 3BDE23

 AFDEA9

 27DE0D

 C3DEBF

 1CDE00

 D6DED5

 EADEEB

 FDDEFF

 FFDEFF

Harmonies

Analogous

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



C5CF38



75DE66



00E6A7

Triad

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



75DE66



00D7FF



FF8AA2

Complementary

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



75DE66



CF66DE

Split Complementary

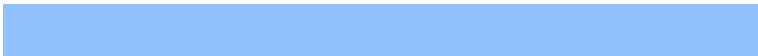
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CE6



75DE66



92C1FF

Square

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



75DE66



00E3FF



FCA4FF



FF9E65

Rectangle

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



75DE66



00E7D6



FCA4FF



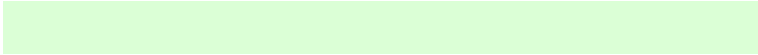
FF87B9

Sweetspot

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



75DE66



DBFFD6



DECE66



6A8067



000000



808080

Same Dimension

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



75DE66



6EFF59



66DE92



667065



16B000



063000

Inverse Universe

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



CF66DE



EA59FF



DE66B2



6F6570



9A00B0



2A0030

Previews

White Background



This preview shows how the Hex color 75DE66 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 75DE66 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

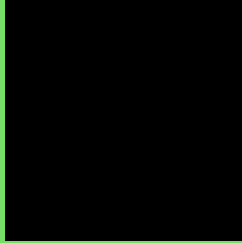
Any Text WCAG AA ✓ Pass

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 75DE66 Background



This preview shows how black text looks on a background with the Hex color 75DE66.

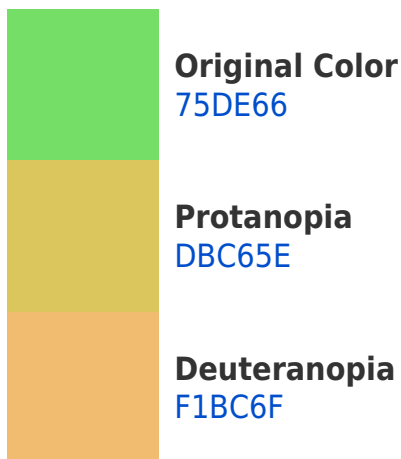


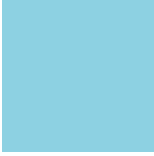
This preview shows how white text looks on a background with the Hex color 75DE66.

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
8DD1E2

Trichromacy



Original Color
75DE66



Protanomaly
B6CF61



Deuteranomaly
C4C86C



Tritanomaly
84D6B5

Monochromacy



Original Color
75DE66



Achromatopsia
B1B1B1



Achromatomaly
9BC196

CSS Examples

Text

The CSS property to change the color of the text to Hex 75DE66 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 #75DE66 looks like.

```
.text, #text, p{  
    color:#75DE66  
}
```

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 #75DE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75DE66
}
```

Border

The CSS property to change the border of an element to Hex 75DE66 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
#75DE66 }
```

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

```
.border{ border-color:#75DE66 }
```

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

Here you see how a box with a 4 pixel #75DE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75DE66; -webkit-box-shadow:4px 4px  
4px 4px #75DE66; box-shadow:4px 4px 4px  
4px #75DE66 }
```

Background

The CSS property to change the background color of an element to Hex 75DE66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75DE66 }
```

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

```
.background{ background-color:#75DE66 }
```

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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