

Converting Colors

Hex(75DE56)

Have a look what the booklet for
Hex(75DE56) contains.

Hex(75DE56)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75DE56)

Conversions

Conversions Part 1

Format	Color
Hex	75DE56
RGB	117, 222, 86
RGB Percent	46%, 87%, 34%
CMY	0.5412, 0.1294, 0.6627
CMYK	0.47, 0.00, 0.61, 0.13
HSL	106°, 67%, 60%
HSV	106°, 61%, 87%
XYZ	35.1371, 56.6963, 17.8957
YIQ	175.1010, -18.9240, -64.5560

Conversions

Conversions Part 2

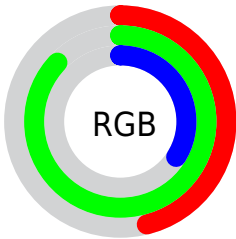
Format	Color
RYB	86, 222, 191
Decimal	7724630
CIELab	80.01, -54.98, 55.98
CIELCh	80, 78.463, 134.484
Yxy	56.6963, 0.3202, 0.5167
Android (android.graphics.Color)	4285914710 (0xFF75DE56)
YUV	175.1010, -43.9268, -50.9546
Hunter-Lab	75.2970, -48.4732, 38.6166

Details

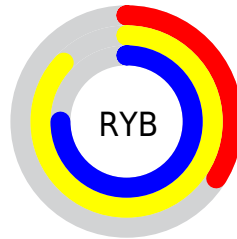
The Hex color **75DE56** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **BF56DE**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B0FF8C**, and **37A61D** is the 20% darker color. If you saturate the color by 10%, you get **64DE40**, and if you desaturate by 10%, it is **86DE6C**.

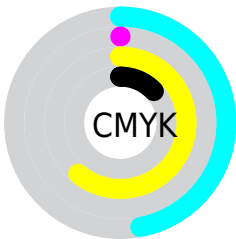
Distribution



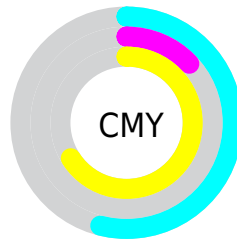
- Red (46%)
- Green (87%)
- Blue (34%)



- Red (34%)
- Yellow (87%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (61%)
- Black (13%)



- Cyan (54%)
- Magenta (13%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75DE56 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 75DE56 by changing the saturation by 10% instead.

 75DE56

 75DE56

FFFFFF

 57C23B

 B0FF8C

 37A61D

 CDFFA8

 058B00

 EBFFC4

 007100

 FFFFE1

 005700

FFFFFFE

 003E00

 002800

 000000

 75DE56

 75DE56

 64DE40

 86DE6C

 53DE2A

 97DE82

 42DE13

 A8DE99

 33DE00

 BADEAF

 CBDEC5

 DCDEDB

 EDDEF1

 FEDEFF

 FFDEFF

Harmonies

Analogous

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



CACE1F



75DE56



00E79D

Triad

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



75DE56



00D9FF



FF80A6

Complementary

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



75DE56



BF56DE

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.



FF85F0



75DE56



75C3FF

Square

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



75DE56



00E5FF



F7A3FF



FF9662

Rectangle

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



75DE56



00E9D0



F7A3FF



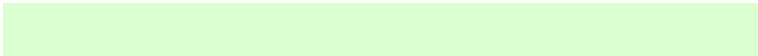
FF7EBE

Sweetspot

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



75DE56



DCFFD1



DEBE56



6A8063



000000



808080

Same Dimension

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



75DE56



6DFF42



56DE7A



687065



28B000



0B3000

Inverse Universe

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



BF56DE



D442FF



DE56BA



6E6570



8800B0



250030

Previews

White Background



This preview shows how the Hex color 75DE56 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 75DE56 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 75DE56 Background



This preview shows how black text looks on a background with the Hex color 75DE56.

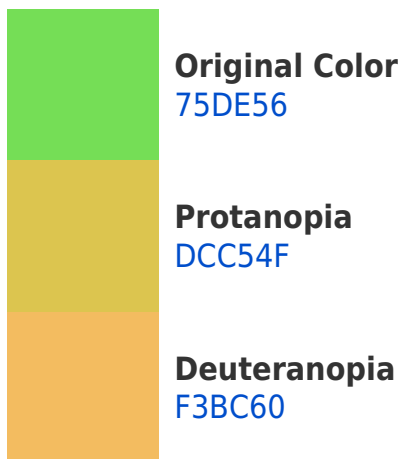


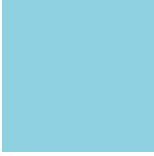
This preview shows how white text looks on a background with the Hex color 75DE56.

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
8FDOE1

Trichromacy



Original Color
75DE56



Protanomaly
B7CE52



Deuteranomaly
C5C85C



Tritanomaly
86D5AE

Monochromacy



Original Color
75DE56



Achromatopsia
AFAFAF



Achromatomaly
9AC08F

CSS Examples

Text

The CSS property to change the color of the text to Hex 75DE56 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 #75DE56 looks like.

```
.text, #text, p{  
    color:#75DE56  
}
```

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 #75DE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75DE56
}
```

Border

The CSS property to change the border of an element to Hex 75DE56 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
#75DE56 }
```

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

```
.border{ border-color:#75DE56 }
```

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

Here you see how a box with a 4 pixel #75DE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75DE56; -webkit-box-shadow:4px 4px  
4px 4px #75DE56; box-shadow:4px 4px 4px  
4px #75DE56 }
```

Background

The CSS property to change the background color of an element to Hex 75DE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75DE56 }
```

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

```
.background{ background-color:#75DE56 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor