

Converting Colors

Hex(76CC52)

Have a look what the booklet for
Hex(76CC52) contains.

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Color

Hex(76CC52)

Conversions

Conversions Part 1

Format	Color
Hex	76CC52
RGB	118, 204, 82
RGB Percent	46%, 80%, 32%
CMY	0.5373, 0.2000, 0.6784
CMYK	0.42, 0.00, 0.60, 0.20
HSL	102°, 54%, 56%
HSV	102°, 60%, 80%
XYZ	30.5871, 47.6465, 15.5672
YIQ	164.3780, -12.0940, -56.1740

Conversions

Conversions Part 2

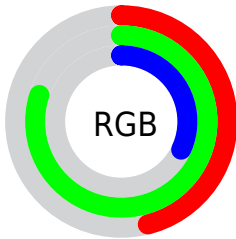
Format	Color
RYB	82, 204, 168
Decimal	7785554
CIELab	74.60, -47.88, 51.63
CIELCh	75, 70.417, 132.845
Yxy	47.6465, 0.3261, 0.5080
Android (android.graphics.Color)	4285975634 (0xFF76CC52)
YUV	164.3780, -40.6124, -40.6735
Hunter-Lab	69.0264, -41.6991, 34.9471

Details

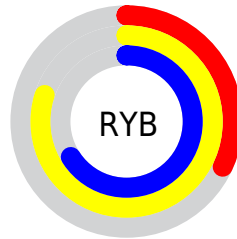
The Hex color **76CC52** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **A852CC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFFF87**, and **3C951B** is the 20% darker color. If you saturate the color by 10%, you get **68CC3E**, and if you desaturate by 10%, it is **84CC66**.

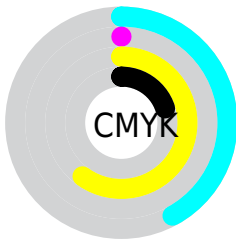
Distribution



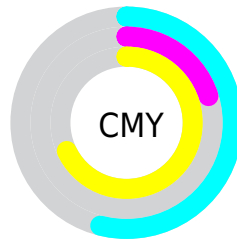
- Red (46%)
- Green (80%)
- Blue (32%)



- Red (32%)
- Yellow (80%)
- Blue (66%)



- Cyan (42%)
- Magenta (0%)
- Yellow (60%)
- Black (20%)



- Cyan (54%)
- Magenta (20%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CC52 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 76CC52 by changing the saturation by 10% instead.



76CC52



76CC52

FFFFFF



5AB037



AFFF87



3C951B



CCFFA3



197B00



E9FFBF



006100



FFFFDB



004800



FFFFF8



003100



001900



000000



76CC52



76CC52

 68CC3E

 84CC66

 59CC29

 93CC7B

 4BCC15

 A1CC8F

 3CCC00

 B0CCA4

 BECCB8

 CCCCCC

 DBCCE1

 E9CCF5

 F7CCFF

Harmonies

Analogous

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



BFBD28



76CC52



00D48F

Triad

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



76CC52



00C9FF



FF7A9E

Complementary

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



76CC52



A852CC

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.



FF81DF



76CC52



6BB5FF

Square

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



76CC52



00D4FF



DF9AFF



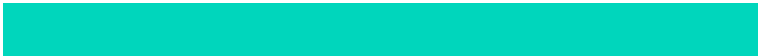
FF8C62

Rectangle

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



76CC52



00D6BC



DF9AFF



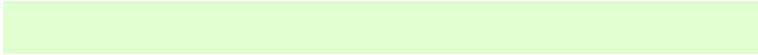
FF79B4

Sweetspot

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



76CC52



DFFFD1



CCA752



6C8063



000000



808080

Same Dimension

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



76CC52



7EFF47



52CC6A



5F665C



31A600



0B2600

Inverse Universe

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



A852CC



C947FF



CC52B4



635C66



7500A6



1B0026

Previews

White Background



This preview shows how the Hex color 76CC52 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 76CC52 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 76CC52 Background



This preview shows how black text looks on a background with the Hex color 76CC52.

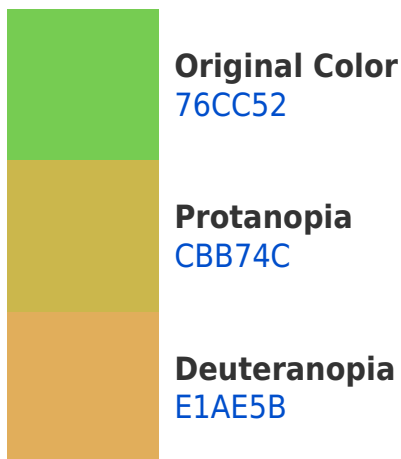


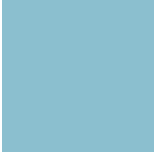
This preview shows how white text looks on a background with the Hex color 76CC52.

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
8BBFCF

Trichromacy



Original Color
76CC52



Protanomaly
ACBF4E



Deuteranomaly
BAB958



Tritanomaly
83C4A2

Monochromacy



Original Color
76CC52



Achromatopsia
A4A4A4



Achromatomaly
93B386

CSS Examples

Text

The CSS property to change the color of the text to Hex 76CC52 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 #76CC52 looks like.

```
.text, #text, p{  
    color:#76CC52  
}
```

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 #76CC52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CC52
}
```

Border

The CSS property to change the border of an element to Hex 76CC52 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
#76CC52 }
```

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

```
.border{ border-color:#76CC52 }
```

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

Here you see how a box with a 4 pixel #76CC52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CC52; -webkit-box-shadow:4px 4px  
4px 4px #76CC52; box-shadow:4px 4px 4px  
4px #76CC52 }
```

Background

The CSS property to change the background color of an element to Hex 76CC52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CC52 }
```

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

```
.background{ background-color:#76CC52 }
```

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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