

Converting Colors

Hex(75BD76)

Have a look what the booklet for
Hex(75BD76) contains.

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Color

Hex(75BD76)

Conversions

Conversions Part 1

Format	Color
Hex	75BD76
RGB	117, 189, 118
RGB Percent	46%, 74%, 46%
CMY	0.5412, 0.2588, 0.5373
CMYK	0.38, 0.00, 0.38, 0.26
HSL	121°, 35%, 60%
HSV	121°, 38%, 74%
XYZ	28.8037, 41.4851, 23.6289
YIQ	159.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

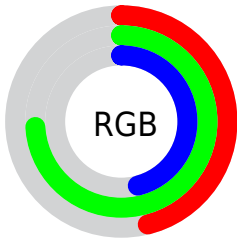
Format	Color
RYB	117, 188, 189
Decimal	7716214
CIELab	70.51, -37.06, 28.98
CIElCh	71, 47.044, 141.980
Yxy	41.4851, 0.3067, 0.4417
Android (android.graphics.Color)	4285906294 (0xFF75BD76)
YUV	159.3780, -20.3994, -37.1655
Hunter-Lab	64.4089, -32.8903, 23.3353

Details

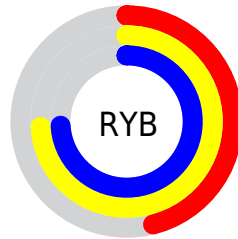
The Hex color **75BD76** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD75BC**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ACF6AB**, and **408745** is the 20% darker color. If you saturate the color by 10%, you get **62BD63**, and if you desaturate by 10%, it is **88BD89**.

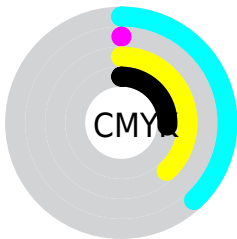
Distribution



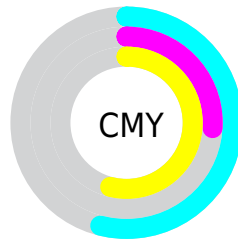
- Red (46%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BD76 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 75BD76 by changing the saturation by 10% instead.

 75BD76

 75BD76

FFFFFF

 5AA25D

 ACF6AB

 408745

 C8FFC6

 246D2D

 E5FFE3

 005416

 003C00

 002700

 000400

 000000

 75BD76

 75BD76

 62BD63

 88BD89

 4FBD51

 9BBD9B

 3CBD3E

 AEBDAE

 29BD2B

 C1BDC1

 16BD19

 D4BDD3

 04BD06

 E6BDE6

 00BD03

 F9BDF8

 FFBDFE

Harmonies

Analogous

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



A7B45B



75BD76



29C29F

Triad

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



75BD76



48B4FF



FE8B8F

Complementary

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



75BD76



BD75BC

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.



F68ABA



75BD76



9EA6FC

Square

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



75BD76



00BEEF



D795E2



EF976A

Rectangle

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



75BD76



00C3BD



D795E2



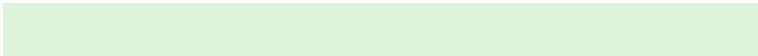
FE899D

Sweetspot

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



75BD76



DAF5DA



BDBD75



6A7A6B



FAFAFA



7A7A7A

Same Dimension

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



75BD76



84F586



75BD99



555E55



009E02



001F00

Inverse Universe

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



BD75BC



F584F3



BD7599



5E555E



9E009C



1F001E

Previews

White Background



This preview shows how the Hex color 75BD76 looks on a white background.

Color Contrast Check

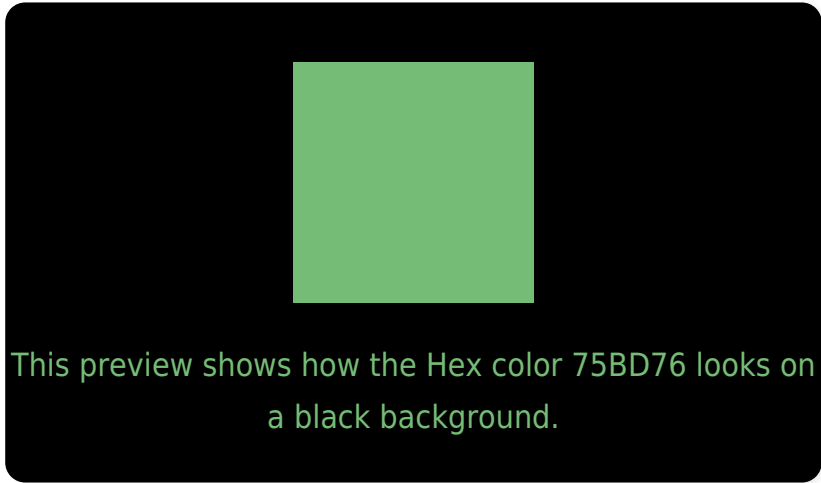
Large Text (above 18pt) WCAG AA × Fail

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 75BD76 Background



This preview shows how black text looks on a background with the Hex color 75BD76.

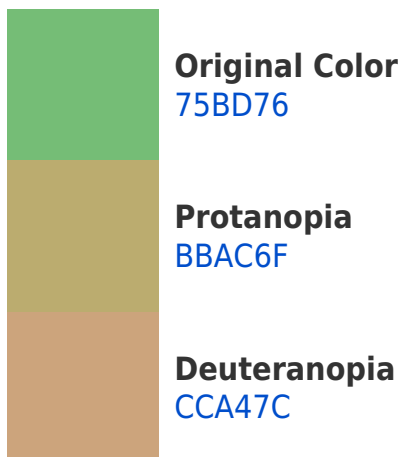


This preview shows how white text looks on a background with the Hex color 75BD76.

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
84B4C2

Trichromacy



Original Color
75BD76



Protanomaly
A2B272



Deuteranomaly
ACAD7A



Tritanomaly
7FB7A6

Monochromacy



Original Color
75BD76



Achromatopsia
9F9F9F



Achromatomaly
90AA90

CSS Examples

Text

The CSS property to change the color of the text to Hex 75BD76 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 #75BD76 looks like.

```
.text, #text, p{  
    color:#75BD76  
}
```

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 #75BD76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BD76
}
```

Border

The CSS property to change the border of an element to Hex 75BD76 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
#75BD76 }
```

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

```
.border{ border-color:#75BD76 }
```

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

Here you see how a box with a 4 pixel #75BD76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BD76; -webkit-box-shadow:4px 4px  
4px 4px #75BD76; box-shadow:4px 4px 4px  
4px #75BD76 }
```

Background

The CSS property to change the background color of an element to Hex 75BD76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BD76 }
```

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

```
.background{ background-color:#75BD76 }
```

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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