

Converting Colors

Hex(75B60D)

Have a look what the booklet for
Hex(75B60D) contains.

Hex(75B60D)	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(75B60D)

Conversions

Conversions Part 1

Format	Color
Hex	75B60D
RGB	117, 182, 13
RGB Percent	46%, 71%, 5%
CMY	0.5412, 0.2863, 0.9490
CMYK	0.36, 0.00, 0.93, 0.29
HSL	83°, 87%, 38%
HSV	83°, 93%, 71%
XYZ	24.1367, 37.2669, 6.3019
YIQ	143.2990, 15.5090, -66.3390

Conversions

Conversions Part 2

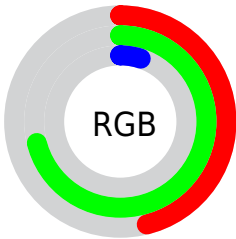
Format	Color
RYB	13, 182, 78
Decimal	7714317
CIELab	67.48, -43.19, 66.56
CIELCh	67, 79.344, 122.975
Yxy	37.2669, 0.3565, 0.5504
Android (android.graphics.Color)	4285904397 (0xFF75B60D)
YUV	143.2990, -64.2374, -23.0642
Hunter-Lab	61.0466, -36.2559, 36.6121

Details

The Hex color **75B60D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4E0DB6**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **AEEE52**, and **3B8000** is the 20% darker color. If you saturate the color by 10%, you get **70B600**, and if you desaturate by 10%, it is **7CB61F**.

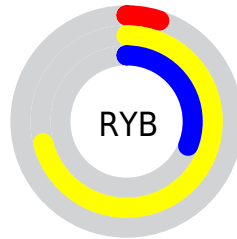
Distribution



Red (46%)

Green (71%)

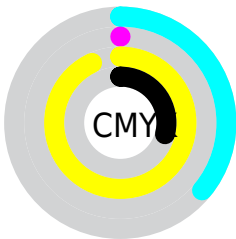
Blue (5%)



Red (5%)

Yellow (71%)

Blue (31%)

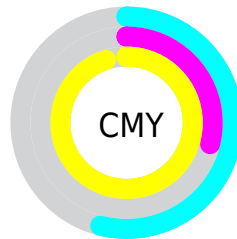


Cyan (36%)

Magenta (0%)

Yellow (93%)

Black (29%)



Cyan (54%)

Magenta (29%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B60D 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 75B60D by changing the saturation by 10% instead.

 75B60D

 75B60D

FFFFFF

 599B00

 AEEE52

 3B8000

 CBFF6E

 1C6700

 E9FF8A

 004E00

 FFFFA6

 003600

 FFFFC3

 002100

 FFFFEO

 000000

FFFFFFE

 75B60D


 75B60D

 70B600

 7CB61F

 83B631

 8AB644

 91B656

 98B668

 9FB67A

 A6B68C

 ADB69F

 B4B6B1

Harmonies

Analogous

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



BEA400



75B60D



00C05F

Triad

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



75B60D



00BCFF



FF55A0

Complementary

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



75B60D



4E0DB6

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.



FF6AE7



75B60D



00ABFF

Square

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



75B60D



00C4F1



AB8EFF



FF665B

Rectangle

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



75B60D



00C491



AB8EFF



FF58B8

Sweetspot

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



75B60D



D4EDAB



B64E0D



68784F



F7F7F7



787878

Same Dimension

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



75B60D



92ED00



21B60D



585C53



609C00



111C00

Inverse Universe

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



4E0DB6



5B00ED



A20DB6



56535C



3C009C



0B001C

Previews

White Background



This preview shows how the Hex color 75B60D looks on a white background.

Color Contrast Check

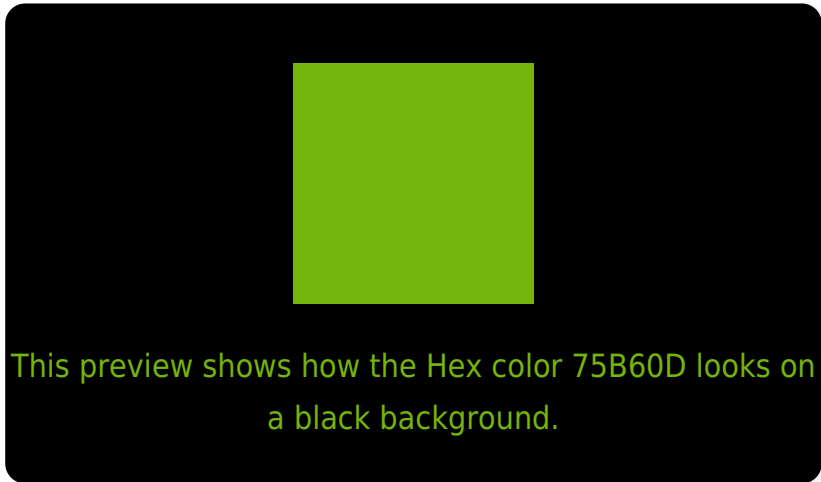
Large Text (above 18pt) WCAG AA × Fail

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 75B60D Background



This preview shows how black text looks on a background with the Hex color 75B60D.

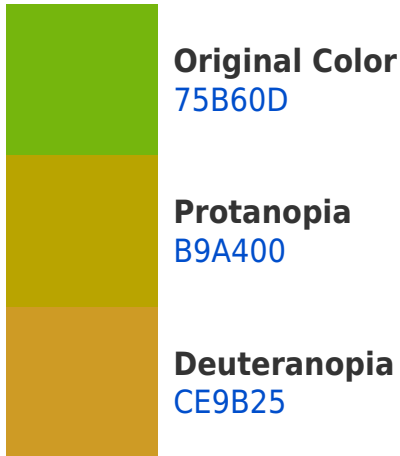


This preview shows how white text looks on a background with the Hex color 75B60D.

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](#).

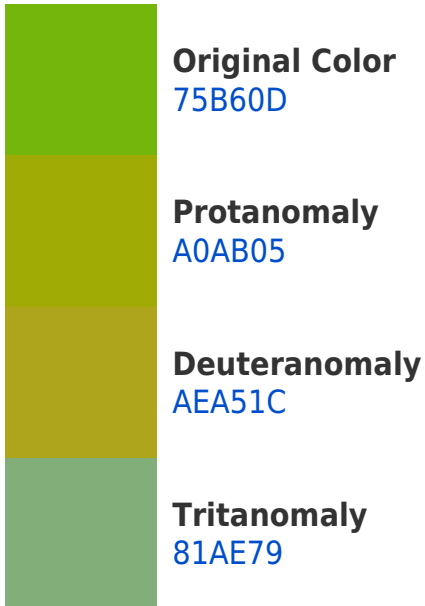
Dichromacy



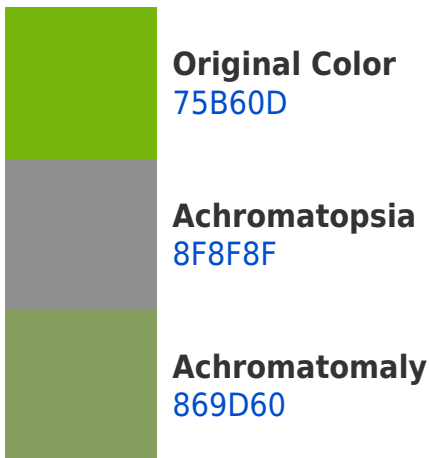


Tritanopia
88A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B60D 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 #75B60D looks like.

```
.text, #text, p{  
    color:#75B60D  
}
```

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 #75B60D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B60D
}
```

Border

The CSS property to change the border of an element to Hex 75B60D 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
#75B60D }
```

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

```
.border{ border-color:#75B60D }
```

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

Here you see how a box with a 4 pixel #75B60D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B60D; -webkit-box-shadow:4px 4px  
4px 4px #75B60D; box-shadow:4px 4px 4px  
4px #75B60D }
```

Background

The CSS property to change the background color of an element to Hex 75B60D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B60D }
```

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

```
.background{ background-color:#75B60D }
```

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