

Converting Colors

Hex(76AF29)

Have a look what the booklet for
Hex(76AF29) contains.

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Color

Hex(76AF29)

Conversions

Conversions Part 1

Format	Color
Hex	76AF29
RGB	118, 175, 41
RGB Percent	46%, 69%, 16%
CMY	0.5373, 0.3137, 0.8392
CMYK	0.33, 0.00, 0.77, 0.31
HSL	86°, 62%, 42%
HSV	86°, 77%, 69%
XYZ	23.2014, 34.6716, 7.5673
YIQ	142.6810, 9.0420, -53.7580

Conversions

Conversions Part 2

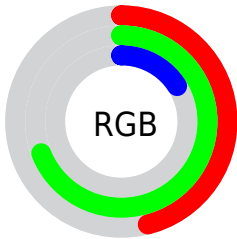
Format	Color
RYB	41, 175, 98
Decimal	7778089
CIELab	65.49, -38.77, 58.28
CIELCh	65, 69.996, 123.639
Yxy	34.6716, 0.3545, 0.5298
Android (android.graphics.Color)	4285968169 (0xFF76AF29)
YUV	142.6810, -50.1287, -21.6452
Hunter-Lab	58.8826, -32.7104, 33.5982

Details

The Hex color **76AF29** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6229AF**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AEE761**, and **3F7A00** is the 20% darker color. If you saturate the color by 10%, you get **6FAF17**, and if you desaturate by 10%, it is **7DAF3A**.

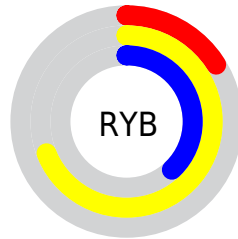
Distribution



Red (46%)

Green (69%)

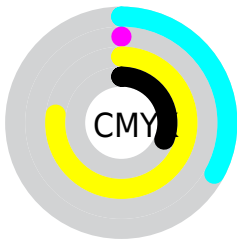
Blue (16%)



Red (16%)

Yellow (69%)

Blue (38%)

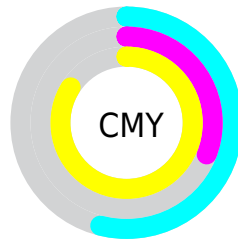


Cyan (33%)

Magenta (0%)

Yellow (77%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AF29 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 76AF29 by changing the saturation by 10% instead.



76AF29



76AF29

FFFFFF



5A9400



AEE761



3F7A00



CBFF7C



226100



E8FF97



004800



FFFFB3



003100



FFFFD0



001C00



FFFFED



000000



76AF29



76AF29



6FAF17



7DAF3A

■ 67AF06

■ 85AF4C

■ 65AF00

■ 8CAF5D

■ 94AF6F

■ 9BAF81

■ A3AF92

■ AAFA3

■ B2AFB5

■ B9AFC6

Harmonies

Analogous

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



B79F00



76AF29



00B864

Triad

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



76AF29



00B4FF



FF5F9A

Complementary

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



76AF29



6229AF

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.



F06ED8



76AF29



00A4FF

Square

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



76AF29



00BBE3



A98BFF



FF6C5D

Rectangle

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



76AF29



00BB8F



A98BFF



FF61AF

Sweetspot

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



76AF29



CDE3AF



AF6129



657353



F2F2F2



737373

Same Dimension

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



76AF29



8AE312



34AF29



53574E



569600



0D1700

Inverse Universe

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



6229AF



6B12E3



A429AF



524E57



400096



0A0017

Previews

White Background



This preview shows how the Hex color 76AF29 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 76AF29 Background



This preview shows how black text looks on a background with the Hex color 76AF29.

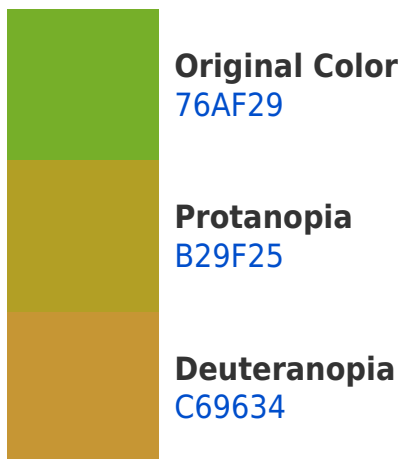


This preview shows how white text looks on a background with the Hex color 76AF29.

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
87A3B0

Trichromacy



Original Color
76AF29

Protanomaly
9CA526

Deuteranomaly
A99F30

Tritanomaly
81A77F

Monochromacy



Original Color
76AF29

Achromatopsia
8F8F8F

Achromatomaly
869B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 76AF29 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 #76AF29 looks like.

```
.text, #text, p{  
    color:#76AF29  
}
```

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 #76AF29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AF29
}
```

Border

The CSS property to change the border of an element to Hex 76AF29 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
#76AF29 }
```

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

```
.border{ border-color:#76AF29 }
```

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

Here you see how a box with a 4 pixel #76AF29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AF29; -webkit-box-shadow:4px 4px  
4px 4px #76AF29; box-shadow:4px 4px 4px  
4px #76AF29 }
```

Background

The CSS property to change the background color of an element to Hex 76AF29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AF29 }
```

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

```
.background{ background-color:#76AF29 }
```

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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