

# Converting Colors

Hex(73A076)

Have a look what the booklet for  
Hex(73A076) contains.

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# **Color**

**Hex(73A076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A076
RGB	115, 160, 118
RGB Percent	45%, 63%, 46%
CMY	0.5490, 0.3725, 0.5373
CMYK	0.28, 0.00, 0.26, 0.37
HSL	124°, 19%, 54%
HSV	124°, 28%, 63%
XYZ	22.9111, 30.0945, 21.7408
YIQ	141.7570, -13.3380, -22.6020

# Conversions

## Conversions Part 2

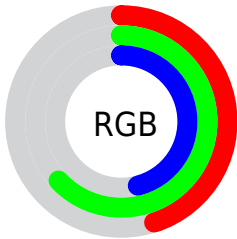
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 157, 160</a>
Decimal	<a href="#">7577718</a>
CIELab	<a href="#">61.74, -23.89, 17.13</a>
CIElCh	<a href="#">62, 29.398, 144.360</a>
Yxy	<a href="#">30.0945, 0.3065, 0.4026</a>
Android (android.graphics.Color)	<a href="#">4285767798 (0xFF73A076)</a>
YUV	<a href="#">141.7570, -11.7122, -23.4659</a>
Hunter-Lab	<a href="#">54.8584, -21.4535, 14.9038</a>

# Details

The Hex color **73A076** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A0739D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A8D7AA**, and **416C45** is the 20% darker color. If you saturate the color by 10%, you get **63A067**, and if you desaturate by 10%, it is **83A085**.

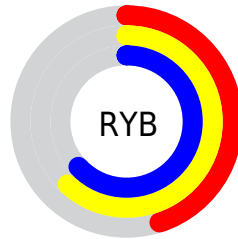
# Distribution



Red (45%)

Green (63%)

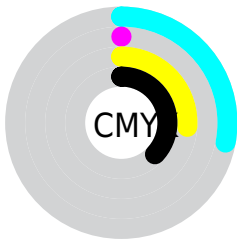
Blue (46%)



Red (45%)

Yellow (62%)

Blue (63%)

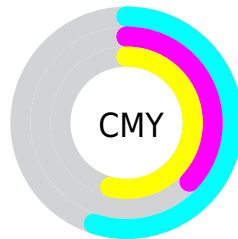


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A076 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 73A076 by changing the saturation by 10% instead.





73A076



73A076

FFFFFF



5A865D



A8D7AA



416C45



C4F3C6



29542F



E0FFE2



113C19



FDFFFE



002600



000C00



000000



73A076



73A076



63A067



83A085

 53A058

 93A094

 43A049

 A3A0A3

 33A03A

 B3A0B2

 23A02B

 C3A0C1

 13A01C

 D3A0D0

 03A00D

 E3A0DF

 00A00B

 F3A0ED

 FFA0FC

# Harmonies

## Analogous

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



919A65



73A076



54A38F

# Triad

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



73A076



6A99C8



C98381

# Complementary

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



73A076



A0739D

# 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.



C4829B



73A076



9290C4

# Square

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



73A076



46A0BF



B287B4



BF896C

# Rectangle

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



73A076



43A3A1



B287B4



C98289



# Sweetspot

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



73A076



C0D1C1



9DA073



5E695F



E8E8E8



696969



# Same Dimension

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



73A076



8AD18F



73A08C



474F48



008F0A



000F01



# Inverse Universe

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



A0739D



D18ACC



A07387



4F474F



8F0085



0F000E



# Previews

## White Background



This preview shows how the Hex color 73A076 looks on a white background.

## Color Contrast Check

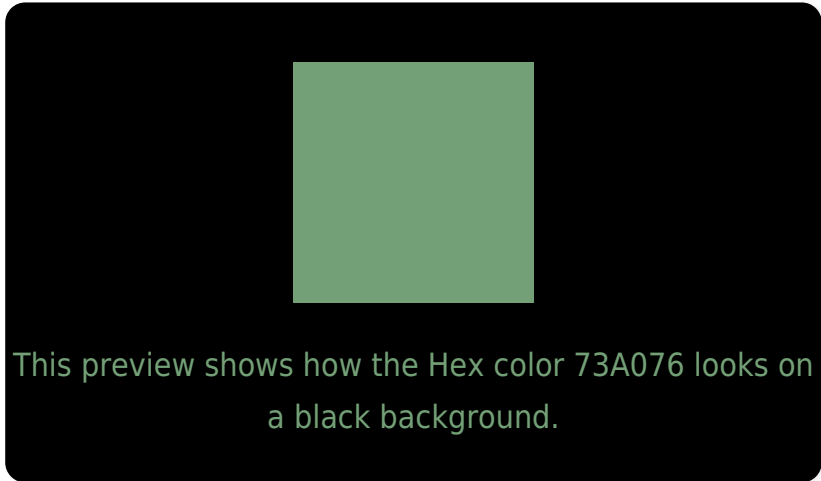
Large Text (above 18pt) WCAG AA × Fail

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 73A076 Background



This preview shows how black text looks on a background with the Hex color 73A076.



This preview shows how white text looks on a background with the Hex color 73A076.

# 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**  
7C9AA6

# Trichromacy



**Original Color**  
73A076

**Protanomaly**  
8F9873

**Deuteranomaly**  
979579

**Tritanomaly**  
799C95

# Monochromacy



**Original Color**  
73A076

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
849585

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A076 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 #73A076 looks like.

```
.text, #text, p{  
    color:#73A076  
}
```

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 #73A076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A076  
}
```

## Border

The CSS property to change the border of an element to Hex 73A076 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  
#73A076 }
```

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

```
.border{ border-color:#73A076 }
```

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

Here you see how a box with a 4 pixel #73A076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A076; -webkit-box-shadow:4px 4px  
4px 4px #73A076; box-shadow:4px 4px 4px  
4px #73A076 }
```

# Background

The CSS property to change the background color of an element to Hex 73A076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A076 }
```

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

```
.background{ background-color:#73A076 }
```

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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