

# Converting Colors

Hex(73A80A)

Have a look what the booklet for  
Hex(73A80A) contains.

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**Color**

**Hex(73A80A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A80A
RGB	115, 168, 10
RGB Percent	45%, 66%, 4%
CMY	0.5490, 0.3412, 0.9608
CMYK	0.32, 0.00, 0.94, 0.34
HSL	80°, 89%, 35%
HSV	80°, 94%, 66%
XYZ	21.1276, 31.6720, 5.2869
YIQ	134.1410, 19.1300, -60.3740

# Conversions

## Conversions Part 2

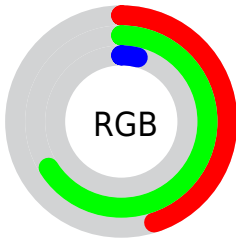
Format	Color
<a href="#">RYB</a>	<a href="#">10, 168, 63</a>
Decimal	<a href="#">7579658</a>
CIELab	<a href="#">63.07, -37.94, 63.36</a>
CIELCh	<a href="#">63, 73.855, 120.911</a>
Yxy	<a href="#">31.6720, 0.3637, 0.5453</a>
Android (android.graphics.Color)	<a href="#">4285769738 (0xFF73A80A)</a>
YUV	<a href="#">134.1410, -61.2015, -16.7867</a>
Hunter-Lab	<a href="#">56.2779, -31.4745, 33.8246</a>

# Details

The Hex color **73A80A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3F0AA8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ABDF4E**, and **3B7400** is the 20% darker color. If you saturate the color by 10%, you get **70A800**, and if you desaturate by 10%, it is **79A81B**.

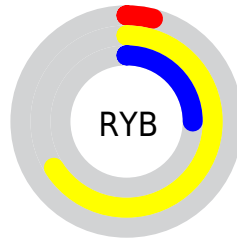
# Distribution



Red (45%)

Green (66%)

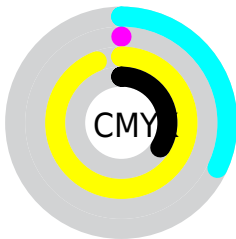
Blue (4%)



Red (4%)

Yellow (66%)

Blue (25%)

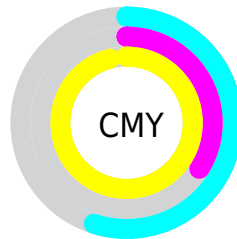


Cyan (32%)

Magenta (0%)

Yellow (94%)

Black (34%)



Cyan (55%)

Magenta (34%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73A80A 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 73A80A by changing the saturation by 10% instead.



 73A80A

 73A80A

FFFFFF

 578D00

 ABDF4E

 3B7400

 C8FC6A

 1D5B00

 E6FF85

 004300

 FFFFA1

 002C00

 FFFFBE

 001300

 FFFFDB

 000000

 FFFFF8

 73A80A

 73A80A

■ 70A800

■ 79A81B

■ 7EA82C

■ 84A83C

■ 8AA84D

■ 8FA85E

■ 95A86F

■ 9AA880

■ A0A890

■ A6A8A1

# Harmonies

## Analogous

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



B59600



73A80A



00B255

# Triad

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



73A80A



00AFFF



FF5199

# Complementary

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



73A80A



3F0AA8

# 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.



E866DA



73A80A



00A0FF

# Square

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



73A80A



00B6DB



9786FF



FF5E59

# Rectangle

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



73A80A



00B582



9786FF



FF55B0



# Sweetspot

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



73A80A



C7DB9E



A83F0A



616E48



EDEDED



6E6E6E



# Same Dimension

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



73A80A



92DB00



24A80A



51544C



629400



0E1400



# Inverse Universe

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



3F0AA8



4A00DB



8E0AA8



4F4C54



320094



070014



# Previews

## White Background



This preview shows how the Hex color 73A80A looks on a white background.

## Color Contrast Check

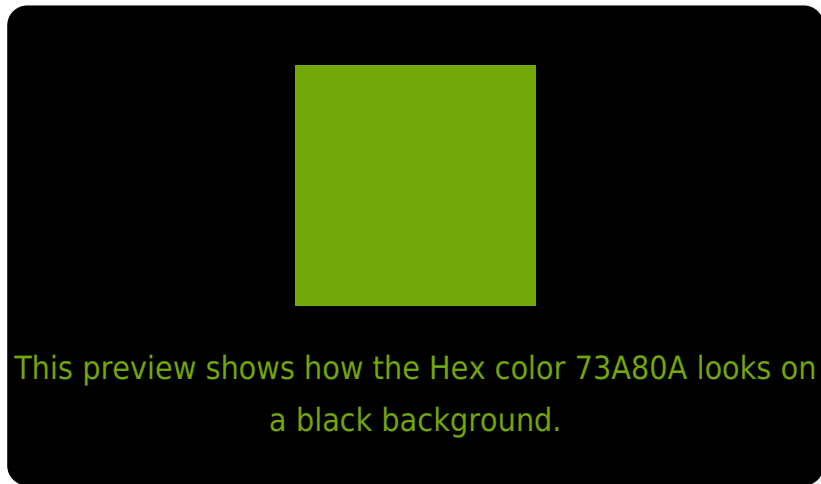
Large Text (above 18pt) WCAG AA × Fail

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 73A80A Background



This preview shows how black text looks on a background with the Hex color 73A80A.



This preview shows how white text looks on a background with the Hex color 73A80A.

# 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



**Original Color**  
73A80A

**Protanopia**  
AC9800

**Deuteranopia**  
BF9021



**Tritanopia**  
849CA9

# Trichromacy



**Original Color**  
73A80A

**Protanomaly**  
979E04

**Deuteranomaly**  
A39919

**Tritanomaly**  
7EA06F

# Monochromacy



**Original Color**  
73A80A

**Achromatopsia**  
868686

**Achromatomaly**  
7F9259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73A80A 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 #73A80A looks like.

```
.text, #text, p{  
    color:#73A80A  
}
```

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 #73A80A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A80A
}
```

## Border

The CSS property to change the border of an element to Hex 73A80A 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
#73A80A }
```

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

```
.border{ border-color:#73A80A }
```

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

Here you see how a box with a 4 pixel #73A80A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A80A; -webkit-box-shadow:4px 4px  
4px 4px #73A80A; box-shadow:4px 4px 4px  
4px #73A80A }
```

# Background

The CSS property to change the background color of an element to Hex 73A80A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A80A }
```

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

```
.background{ background-color:#73A80A }
```

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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