

Converting Colors

Hex(73A628)

Have a look what the booklet for
Hex(73A628) contains.

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Color

Hex(73A628)

Conversions

Conversions Part 1

Format	Color
Hex	73A628
RGB	115, 166, 40
RGB Percent	45%, 65%, 16%
CMY	0.5490, 0.3490, 0.8431
CMYK	0.31, 0.00, 0.76, 0.35
HSL	84°, 61%, 40%
HSV	84°, 76%, 65%
XYZ	21.0895, 31.0705, 6.8932
YIQ	136.3870, 10.0500, -49.9980

Conversions

Conversions Part 2

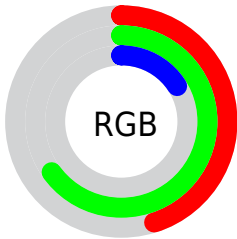
Format	Color
RYB	40, 166, 91
Decimal	7579176
CIELab	62.57, -35.95, 55.75
CIELCh	63, 66.337, 122.817
Yxy	31.0705, 0.3571, 0.5261
Android (android.graphics.Color)	4285769256 (0xFF73A628)
YUV	136.3870, -47.5188, -18.7564
Hunter-Lab	55.7409, -30.0115, 31.6866

Details

The Hex color **73A628** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5B28A6**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ABDD5F**, and **3C7200** is the 20% darker color. If you saturate the color by 10%, you get **6CA617**, and if you desaturate by 10%, it is **7AA639**.

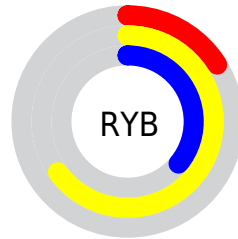
Distribution



Red (45%)

Green (65%)

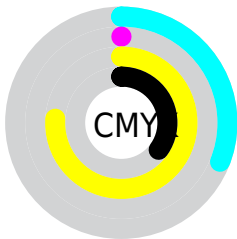
Blue (16%)



Red (16%)

Yellow (65%)

Blue (36%)

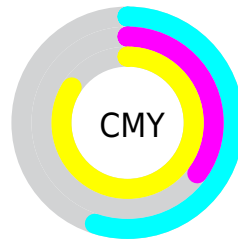


Cyan (31%)

Magenta (0%)

Yellow (76%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73A628 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 73A628 by changing the saturation by 10% instead.



73A628



73A628

FFFFFF



588B01



ABDD5F



3C7200



C7FA7A



215900



E4FF95



004100



FFFFB1



002B00



FFFBCD



001000



FFFEEA



000000



73A628



73A628



6CA617



7AA639

■ 66A607

■ 80A649

■ 63A600

■ 87A65A

■ 8EA66A

■ 95A67B

■ 9BA68C

■ A2A69C

■ A9A6AD

■ AFA6BD

Harmonies

Analogous

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



AF9601



73A628



00AF5E

Triad

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



73A628



00ABFF



FF5C94

Complementary

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



73A628



5B28A6

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.



E26ACE



73A628



009CFF

Square

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



73A628



00B2D6



9E85FB



FB675B

Rectangle

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



73A628



00B287



9E85FB



F95EA8

Sweetspot

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



73A628



C5D9A7



A65A28



616E4F



EDEDED



6E6E6E

Same Dimension

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



73A628



89D914



35A628



51544C



589400



0C1400

Inverse Universe

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



5B28A6



6314D9



9928A6



4F4C54



3C0094



080014

Previews

White Background



This preview shows how the Hex color 73A628 looks on a white background.

Color Contrast Check

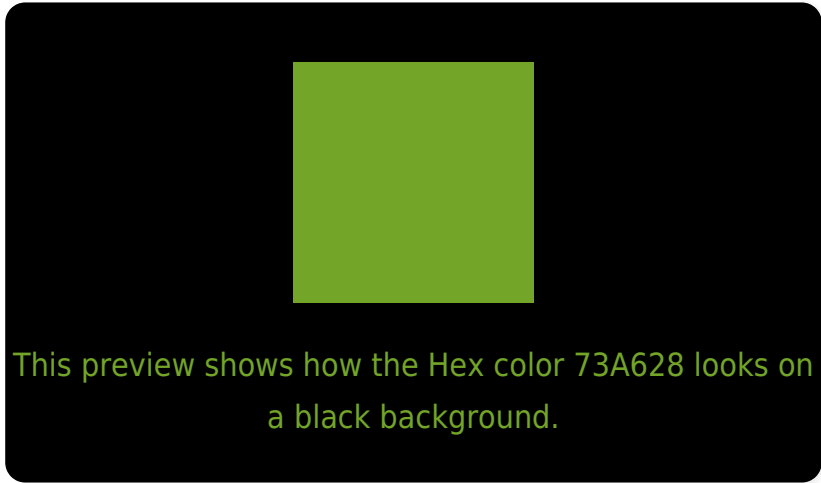
Large Text (above 18pt) WCAG AA × Fail

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 73A628 Background



This preview shows how black text looks on a background with the Hex color 73A628.

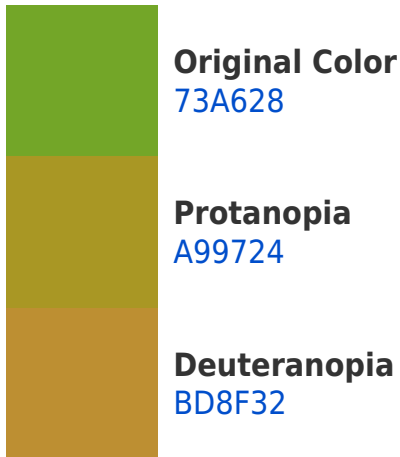


This preview shows how white text looks on a background with the Hex color 73A628.

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](#).

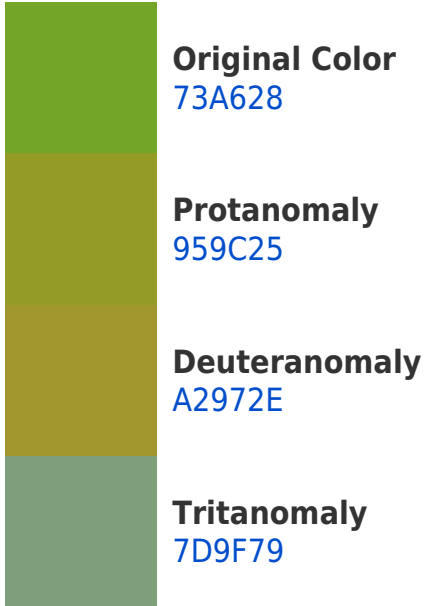
Dichromacy



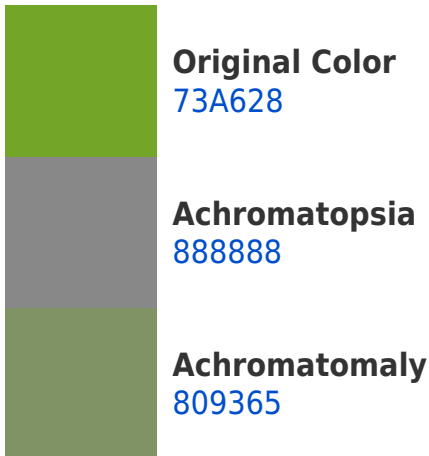


Tritanopia
839BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73A628 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 #73A628 looks like.

```
.text, #text, p{  
    color:#73A628  
}
```

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 #73A628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A628
}
```

Border

The CSS property to change the border of an element to Hex 73A628 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
#73A628 }
```

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

```
.border{ border-color:#73A628 }
```

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

Here you see how a box with a 4 pixel #73A628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A628; -webkit-box-shadow:4px 4px  
4px 4px #73A628; box-shadow:4px 4px 4px  
4px #73A628 }
```

Background

The CSS property to change the background color of an element to Hex 73A628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A628 }
```

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

```
.background{ background-color:#73A628 }
```

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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