

Converting Colors

Hex(72A00F)

Have a look what the booklet for
Hex(72A00F) contains.

Hex(72A00F)	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(72A00F)

Conversions

Conversions Part 1

Format	Color
Hex	72A00F
RGB	114, 160, 15
RGB Percent	45%, 63%, 6%
CMY	0.5529, 0.3725, 0.9412
CMYK	0.29, 0.00, 0.91, 0.37
HSL	79°, 83%, 34%
HSV	79°, 91%, 63%
XYZ	19.5965, 28.7535, 4.9691
YIQ	129.7160, 19.1290, -54.8470

Conversions

Conversions Part 2

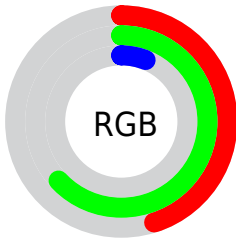
Format	Color
RYB	15, 160, 61
Decimal	7512079
CIELab	60.56, -34.63, 60.53
CIELCh	61, 69.741, 119.775
Yxy	28.7535, 0.3675, 0.5393
Android (android.graphics.Color)	4285702159 (0xFF72A00F)
YUV	129.7160, -56.5550, -13.7829
Hunter-Lab	53.6223, -28.6056, 32.0413

Details

The Hex color **72A00F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D0FA0**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **AAD74E**, and **3B6C00** is the 20% darker color. If you saturate the color by 10%, you get **6DA000**, and if you desaturate by 10%, it is **77A01F**.

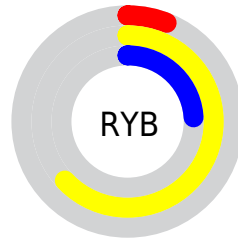
Distribution



Red (45%)

Green (63%)

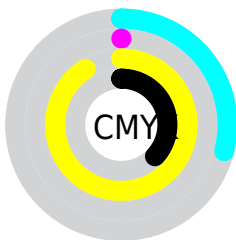
Blue (6%)



Red (6%)

Yellow (63%)

Blue (24%)

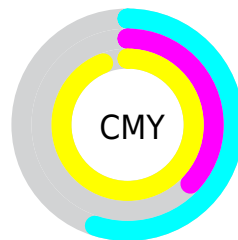


Cyan (29%)

Magenta (0%)

Yellow (91%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72A00F 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 72A00F by changing the saturation by 10% instead.



72A00F



72A00F

FFFFFF



578600



AAD74E



3B6C00



C7F46A



1F5400



E4FF85



003C00



FFFFA1



002700



FFFFBD



000400



FFFFDA



000000



FFFFF7



72A00F



72A00F

■ 6DA000

■ 77A01F

■ 7CA02F

■ 81A03F

■ 86A04F

■ 8BA05F

■ 90A06F

■ 96A07F

■ 9BA08F

■ A0A09F

Harmonies

Analogous

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



AF8F00



72A00F



00AA50

Triad

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



72A00F



00A8FC



FC5195

Complementary

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



72A00F



3D0FA0

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.



DB64D1



72A00F



009AFF

Square

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



72A00F



00AECE



8D82FE



FB5B59

Rectangle

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



72A00F



00AD7A



8D82FE



F554AA

Sweetspot

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



72A00F



BFD199



A03D0F



5E6947



E8E8E8



696969

Same Dimension

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



72A00F



8FD100



2AA00F



4D4F47



618F00



0A0F00

Inverse Universe

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



3D0FA0



4200D1



850FA0



4A474F



2D008F



05000F

Previews

White Background



This preview shows how the Hex color 72A00F looks on a white background.

Color Contrast Check

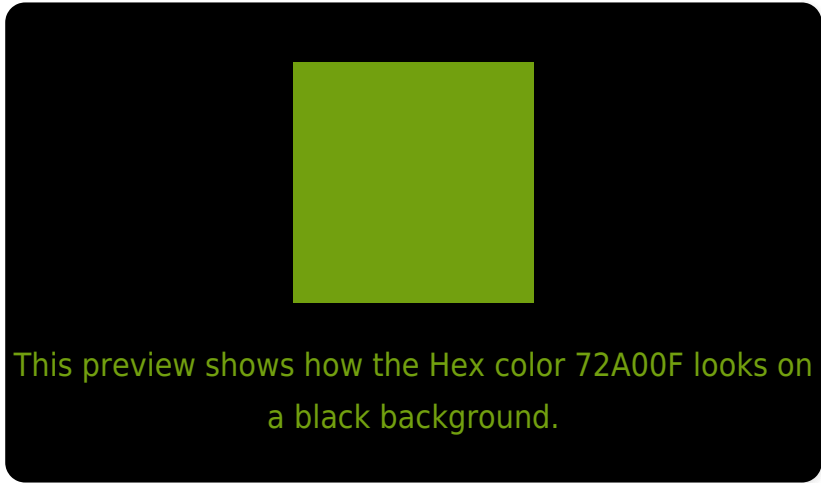
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 72A00F Background



This preview shows how black text looks on a background with the Hex color 72A00F.

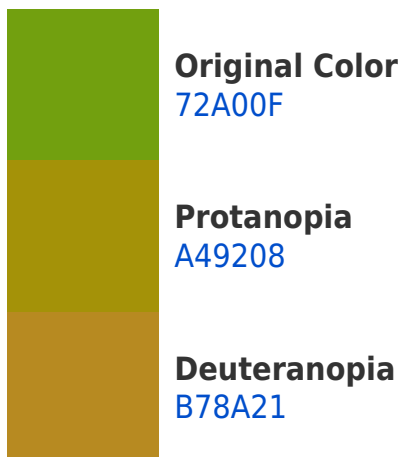


This preview shows how white text looks on a background with the Hex color 72A00F.

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](#).

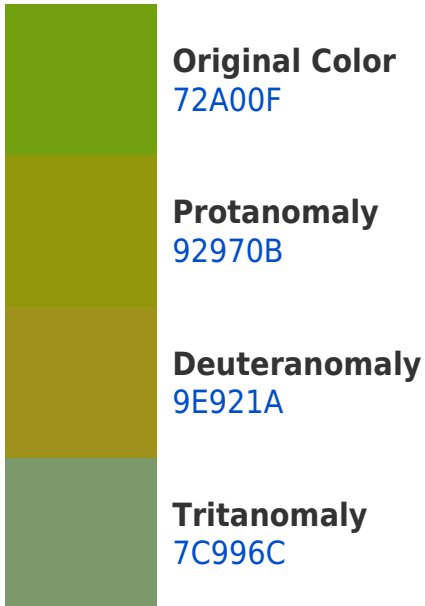
Dichromacy





Tritanopia
8195A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72A00F 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 #72A00F looks like.

```
.text, #text, p{  
    color:#72A00F  
}
```

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 #72A00F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72A00F
}
```

Border

The CSS property to change the border of an element to Hex 72A00F 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
#72A00F }
```

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

```
.border{ border-color:#72A00F }
```

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

Here you see how a box with a 4 pixel #72A00F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72A00F; -webkit-box-shadow:4px 4px  
4px 4px #72A00F; box-shadow:4px 4px 4px  
4px #72A00F }
```

Background

The CSS property to change the background color of an element to Hex 72A00F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72A00F }
```

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

```
.background{ background-color:#72A00F }
```

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