

Converting Colors

Hex(72942F)

Have a look what the booklet for
Hex(72942F) contains.

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Color

Hex(72942F)

Conversions

Conversions Part 1

Format	Color
Hex	72942F
RGB	114, 148, 47
RGB Percent	45%, 58%, 18%
CMY	0.5529, 0.4196, 0.8157
CMYK	0.23, 0.00, 0.68, 0.42
HSL	80°, 52%, 38%
HSV	80°, 68%, 58%
XYZ	18.0424, 24.9625, 6.5566
YIQ	126.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

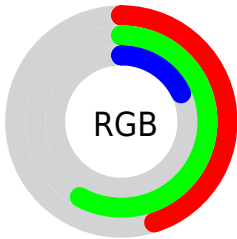
Format	Color
RYB	47, 148, 81
Decimal	7509039
CIELab	57.04, -27.47, 47.54
CIELCh	57, 54.901, 120.018
Yxy	24.9625, 0.3640, 0.5037
Android (android.graphics.Color)	4285699119 (0xFF72942F)
YUV	126.3200, -39.1048, -10.8046
Hunter-Lab	49.9624, -22.9744, 27.1930

Details

The Hex color **72942F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **512F94**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A8CA63**, and **3E6100** is the 20% darker color. If you saturate the color by 10%, you get **6D9420**, and if you desaturate by 10%, it is **77943E**.

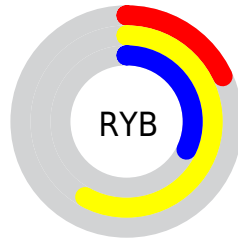
Distribution



Red (45%)

Green (58%)

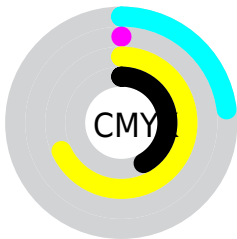
Blue (18%)



Red (18%)

Yellow (58%)

Blue (32%)

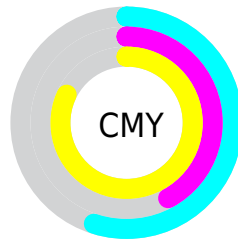


Cyan (23%)

Magenta (0%)

Yellow (68%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72942F 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 72942F by changing the saturation by 10% instead.



72942F



72942F

FFFFFF



587A13



A8CA63



3E6100



C5E67D



254900



E1FF98



063200



FFFFB3



001F00



FFFFCF



000000



FFF FEC



72942F



72942F



6D9420



77943E

■ 689411

■ 7C944D

■ 639403

■ 81945B

■ 629400

■ 86946A

■ 8B9479

■ 909488

■ 959497

■ 9A94A5

■ 9F94B4

Harmonies

Analogous

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



A2871F



72942F



299C57

Triad

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



72942F



009ADB



DD5C8B

Complementary

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



72942F



512F94

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.



C368BA



72942F



008EE9

Square

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



72942F



009FB7



897CDC



DD625C

Rectangle

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



72942F



009F77



897CDC



D85E9B

Sweetspot

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



72942F



B2BF99



94512F



59614A



E0E0E0



616161

Same Dimension

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



72942F



8ABF22



40942F



474A43



5B8A00



070A00

Inverse Universe

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



512F94



5722BF



832F94



45434A



2E008A



03000A

Previews

White Background



This preview shows how the Hex color 72942F looks on a white background.

Color Contrast Check

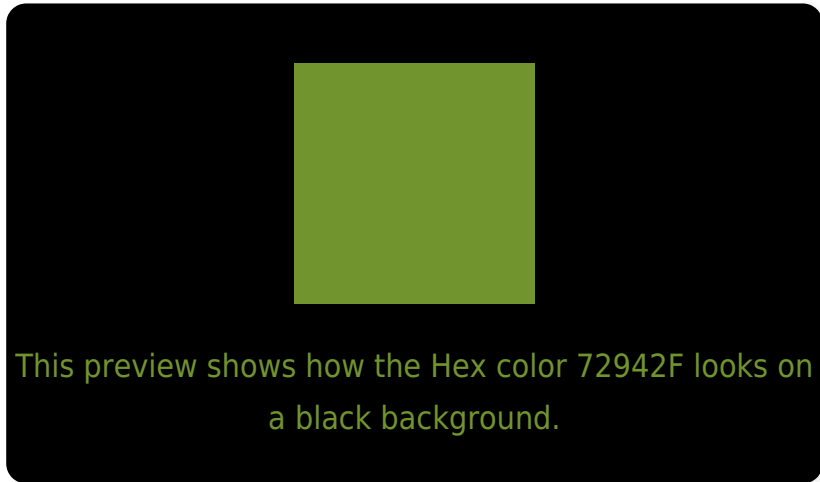
Large Text (above 18pt) WCAG AA ✓ Pass

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

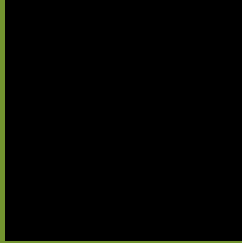
Any Text WCAG AA ✓ Pass

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 72942F Background



This preview shows how black text looks on a background with the Hex color 72942F.



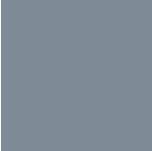
This preview shows how white text looks on a background with the Hex color 72942F.

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



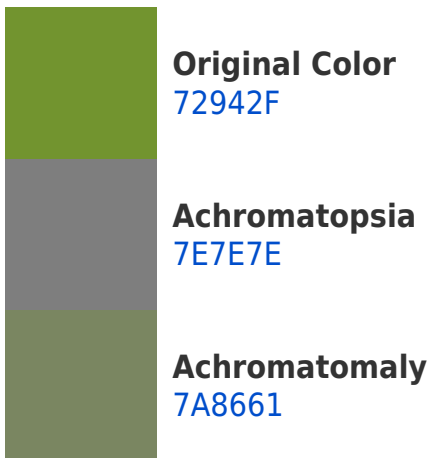


Tritanopia
7E8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72942F 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 #72942F looks like.

```
.text, #text, p{  
    color:#72942F  
}
```

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 #72942F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72942F
}
```

Border

The CSS property to change the border of an element to Hex 72942F 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
#72942F }
```

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

```
.border{ border-color:#72942F }
```

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

Here you see how a box with a 4 pixel #72942F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72942F; -webkit-box-shadow:4px 4px  
4px 4px #72942F; box-shadow:4px 4px 4px  
4px #72942F }
```

Background

The CSS property to change the background color of an element to Hex 72942F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72942F }
```

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

```
.background{ background-color:#72942F }
```

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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