

Converting Colors

Hex(00722F)

Have a look what the booklet for
Hex(00722F) contains.

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Color

Hex(00722F)

Conversions

Conversions Part 1

Format	Color
Hex	00722F
RGB	0, 114, 47
RGB Percent	0%, 45%, 18%
CMY	1.0000, 0.5529, 0.8157
CMYK	1.00, 0.00, 0.59, 0.55
HSL	145°, 100%, 22%
HSV	145°, 100%, 45%
XYZ	6.5304, 12.2399, 4.7077
YIQ	72.2760, -46.4370, -45.0050

Conversions

Conversions Part 2

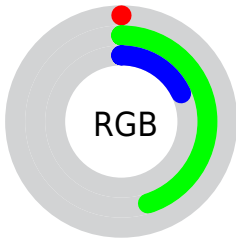
Format	Color
RYB	0, 81, 114
Decimal	29231
CIELab	41.59, -43.47, 29.11
CIELCh	42, 52.311, 146.193
Yxy	12.2399, 0.2782, 0.5213
Android (android.graphics.Color)	4278219311 (0xFF00722F)
YUV	72.2760, -12.4611, -63.3861
Hunter-Lab	34.9855, -27.9058, 16.5118

Details

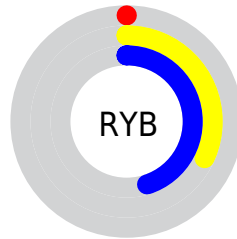
The Hex color **00722F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **720043**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **4AA75F**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **00722F**, and if you desaturate by 10%, it is **0B7236**.

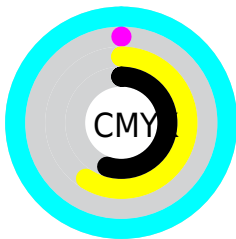
Distribution



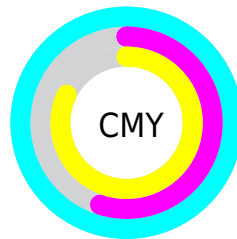
- Red (0%)
- Green (45%)
- Blue (18%)



- Red (0%)
- Yellow (32%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00722F 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 00722F by changing the saturation by 10% instead.

 00722F

 00722F

FFFFFF

 005918

 4AA75F

 004000

 66C378

 002B00

 82DF92

 000B00

 9EFCAD

 000000

 BBFC9

 D8FFE5

 F5FFFF

 00722F

 0B7236

 17723C

 227243

 2E724A

 397251

 447257

 50725E

 5B7265

 67726B

Harmonies

Analogous

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



526B02



00722F



00755B

Triad

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



00722F



0069B8



AD3A3F

Complementary

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



00722F



720043

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.



AB3569



00722F



5559B0

Square

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



00722F



0072A9



904593



9B4D18

Rectangle

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



00722F



007679



904593



AE364D

Sweetspot

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



00722F



68947A



447200



2F4A3A



C9C9C9



4A4A4A

Same Dimension

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



00722F



00943D



007267



323835



007831



00F766

Inverse Universe

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



720043



940057



72000B



383236



780046



F70091

Previews

White Background



This preview shows how the Hex color 00722F looks on a white background.

Color Contrast Check

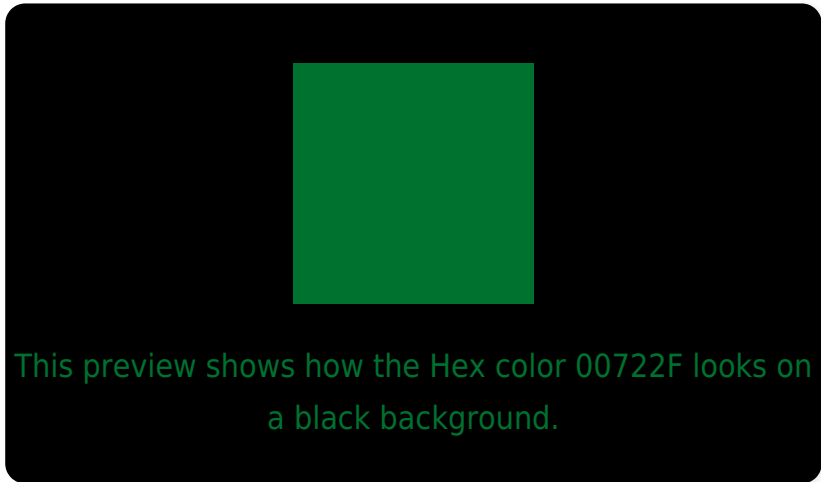
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

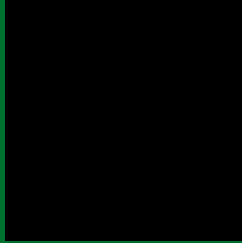
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 00722F Background



This preview shows how black text looks on a background with the Hex color 00722F.



This preview shows how white text looks on a background with the Hex color 00722F.

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
00722F

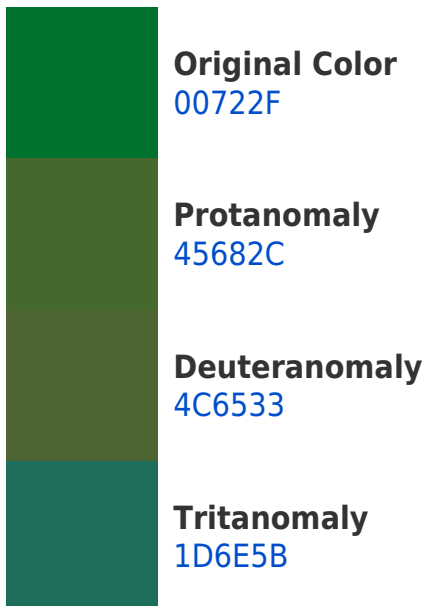
Protanopia
6D622A

Deuteranopia
785D35

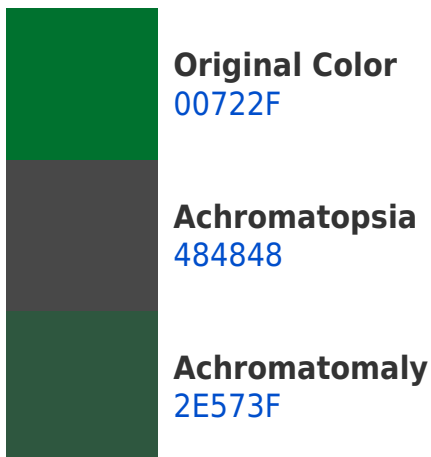


Tritanopia
2D6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00722F 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 #00722F looks like.

```
.text, #text, p{  
    color:#00722F  
}
```

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 #00722F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00722F
}
```

Border

The CSS property to change the border of an element to Hex 00722F 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
#00722F }
```

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

```
.border{ border-color:#00722F }
```

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

Here you see how a box with a 4 pixel #00722F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00722F; -webkit-box-shadow:4px 4px  
4px 4px #00722F; box-shadow:4px 4px 4px  
4px #00722F }
```

Background

The CSS property to change the background color of an element to Hex 00722F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00722F }
```

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

```
.background{ background-color:#00722F }
```

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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