

Converting Colors

Hex(34721F)

Have a look what the booklet for
Hex(34721F) contains.

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Color

Hex(34721F)

Conversions

Conversions Part 1

Format	Color
Hex	34721F
RGB	52, 114, 31
RGB Percent	20%, 45%, 12%
CMY	0.7961, 0.5529, 0.8784
CMYK	0.54, 0.00, 0.73, 0.55
HSL	105°, 57%, 28%
HSV	105°, 73%, 45%
XYZ	7.6808, 12.8636, 3.3744
YIQ	86.0000, -10.3090, -38.9570

Conversions

Conversions Part 2

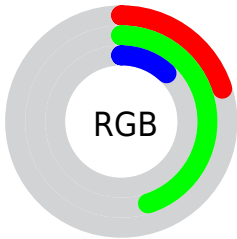
Format	Color
R_{YB}	31, 114, 93
Decimal	3437087
CIE _{Lab}	42.56, -36.23, 38.14
CIE _{LCh}	43, 52.605, 133.532
Yxy	12.8636, 0.3211, 0.5378
Android (android.graphics.Color)	4281627167 (0xFF34721F)
YUV	86.0000, -27.1150, -29.8180
Hunter-Lab	35.8659, -24.5389, 19.5278

Details

The Hex color **34721F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5D1F72**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **69A750**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **2B7214**, and if you desaturate by 10%, it is **3D722A**.

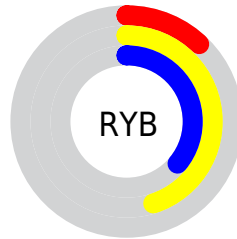
Distribution



Red (20%)

Green (45%)

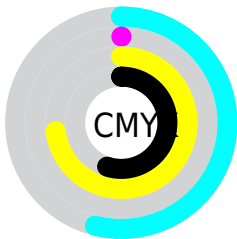
Blue (12%)



Red (12%)

Yellow (45%)

Blue (36%)

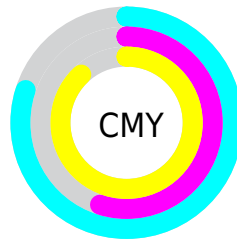


Cyan (54%)

Magenta (0%)

Yellow (73%)

Black (55%)



Cyan (80%)

Magenta (55%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34721F 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 34721F by changing the saturation by 10% instead.

 34721F

 34721F

FFFFFF

 175903

 69A750

 004100

 84C26A

 002B00

 9FDE84

 001000

 BBFB9E

 000000

 D8FFBA

 F5FFD6

 FFFFF2

 34721F

 34721F

■ 2B7214

■ 3D722A

■ 237208

■ 457236

■ 1D7200

■ 4E7241

■ 56724D

■ 5F7258

■ 677263

■ 70726F

■ 78727A

■ 817286

Harmonies

Analogous

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



676900



34721F



00774A

Triad

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



34721F



0070B8



B23853

Complementary

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



34721F



5D1F72

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.



A63C7E



34721F



2763B9

Square

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



34721F



0077A0



7F50A4



A7472A

Rectangle

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



34721F



007869



7F50A4



B13761

Sweetspot

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



34721F



7C9473



725C1F



3C4A37



C9C9C9



4A4A4A

Same Dimension

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



34721F



349413



1F7232



343832



1E7800



3FF700

Inverse Universe

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



5D1F72



731394



721F5F



373238



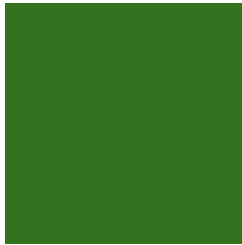
5A0078



B900F7

Previews

White Background



This preview shows how the Hex color 34721F looks on a white background.

Color Contrast Check

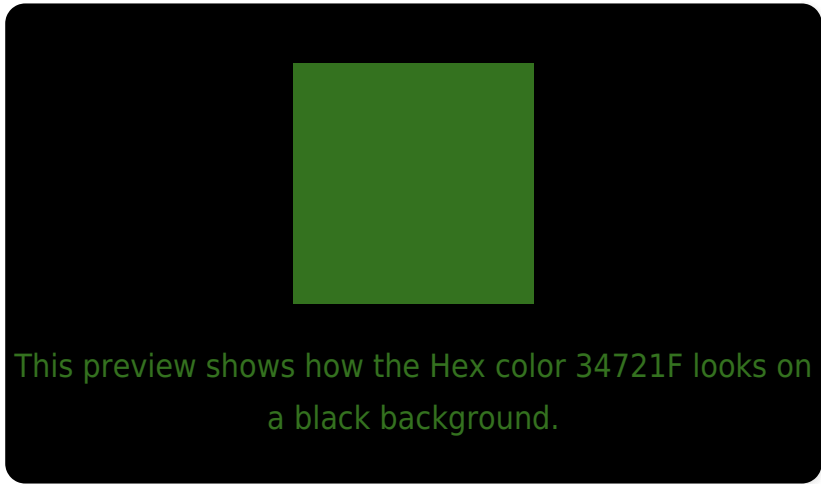
Large Text (above 18pt) WCAG AA ✓ Pass

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 34721F Background



This preview shows how black text looks on a background with the Hex color 34721F.



This preview shows how white text looks on a background with the Hex color 34721F.

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
34721F

Protanopia
70641B

Deuteranopia
7D5F26



Tritanopia
446A73

Trichromacy



Original Color
34721F

Protanomaly
5A691C

Deuteranomaly
626623

Tritanomaly
3E6D54

Monochromacy



Original Color
34721F

Achromatopsia
565656

Achromatomaly
4A6042

CSS Examples

Text

The CSS property to change the color of the text to Hex 34721F 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 #34721F looks like.

```
.text, #text, p{  
    color:#34721F  
}
```

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 #34721F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34721F
}
```

Border

The CSS property to change the border of an element to Hex 34721F 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".

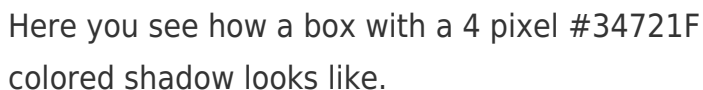
```
.border, #border, table{ border:4px solid
#34721F }
```

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

```
.border{ border-color:#34721F }
```

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

Here you see how a box with a 4 pixel #34721F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34721F; -webkit-box-shadow:4px 4px  
4px 4px #34721F; box-shadow:4px 4px 4px  
4px #34721F }
```

Background

The CSS property to change the background color of an element to Hex 34721F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34721F }
```

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

```
.background{ background-color:#34721F }
```

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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