

Converting Colors

Hex(42661F)

Have a look what the booklet for
Hex(42661F) contains.

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Color

Hex(42661F)

Conversions

Conversions Part 1

Format	Color
Hex	42661F
RGB	66, 102, 31
RGB Percent	26%, 40%, 12%
CMY	0.7412, 0.6000, 0.8784
CMYK	0.35, 0.00, 0.70, 0.60
HSL	90°, 53%, 26%
HSV	90°, 70%, 40%
XYZ	7.2455, 10.7599, 2.9913
YIQ	83.1420, 1.3350, -29.7130

Conversions

Conversions Part 2

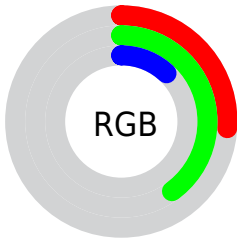
Format	Color
R_{YB}	31, 102, 67
Decimal	4351519
CIE _{Lab}	39.17, -25.81, 34.78
CIE _{LCh}	39, 43.309, 126.581
Yxy	10.7599, 0.3451, 0.5125
Android (android.graphics.Color)	4282541599 (0xFF42661F)
YUV	83.1420, -25.7060, -15.0335
Hunter-Lab	32.8023, -17.9765, 17.5548

Details

The Hex color **42661F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **431F66**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **75994F**, and **123700** is the 20% darker color. If you saturate the color by 10%, you get **3D6615**, and if you desaturate by 10%, it is **476629**.

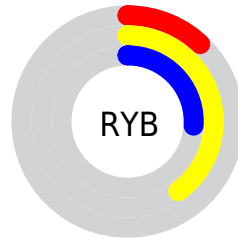
Distribution



Red (26%)

Green (40%)

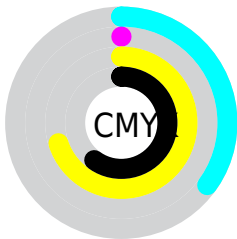
Blue (12%)



Red (12%)

Yellow (40%)

Blue (26%)

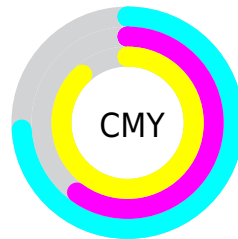


Cyan (35%)

Magenta (0%)

Yellow (70%)

Black (60%)



Cyan (74%)

Magenta (60%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42661F 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 42661F by changing the saturation by 10% instead.



42661F



42661F

FFFFFF



294E05



75994F



123700



8FB468



002200



AAD082



000000



C6EC9C



E3FFB8



FFFFD3



FFFFF0



42661F



42661F

■ 3D6615

■ 476629

■ 38660B

■ 4C6633

■ 326600

■ 52663E

■ 576648

■ 5C6652

■ 61665C

■ 666666

■ 6B6671

■ 71667B

Harmonies

Analogous

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



675D0C



42661F



006B3F

Triad

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



42661F



00679D



9C3A56

Complementary

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



42661F



431F66

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.



8D4179



42661F



165EA2

Square

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



42661F



006C85



685095



974234

Rectangle

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



42661F



006D57



685095



993B62

Sweetspot

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



42661F



768569



66431F



3A4232



C2C2C2



424242

Same Dimension

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



42661F



4C8515



1F661F



30332E



397300



77F200

Inverse Universe

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



431F66



4E1585



661F66



302E33



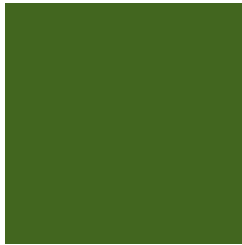
3A0073



7B00F2

Previews

White Background



This preview shows how the Hex color 42661F looks on a white background.

Color Contrast Check

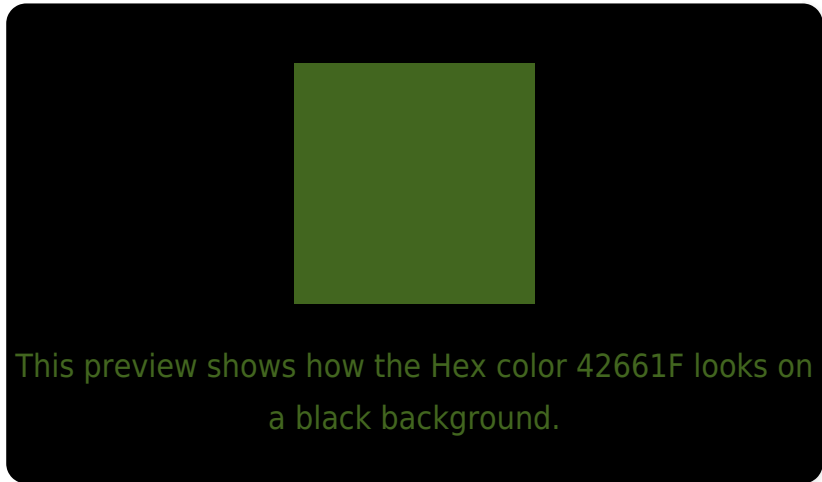
Large Text (above 18pt) WCAG AA ✓ Pass

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

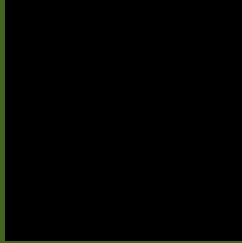
Any Text WCAG AA × Fail

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 42661F Background



This preview shows how black text looks on a background with the Hex color 42661F.



This preview shows how white text looks on a background with the Hex color 42661F.

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
42661F

Protanopia
675C1C

Deuteranopia
725724



Tritanopia
4C5F67

Trichromacy



Original Color
42661F

Protanomaly
5A601D

Deuteranomaly
615C22

Tritanomaly
48624D

Monochromacy



Original Color
42661F

Achromatopsia
535353

Achromatomaly
4D5A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 42661F 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 #42661F looks like.

```
.text, #text, p{  
    color:#42661F  
}
```

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 #42661F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42661F
}
```

Border

The CSS property to change the border of an element to Hex 42661F 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".

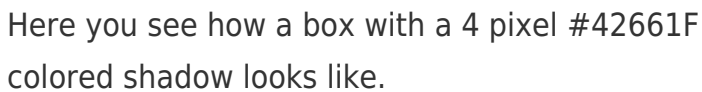
```
.border, #border, table{ border:4px solid
#42661F }
```

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

```
.border{ border-color:#42661F }
```

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

Here you see how a box with a 4 pixel #42661F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42661F; -webkit-box-shadow:4px 4px  
4px 4px #42661F; box-shadow:4px 4px 4px  
4px #42661F }
```

Background

The CSS property to change the background color of an element to Hex 42661F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42661F }
```

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

```
.background{ background-color:#42661F }
```

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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