

Converting Colors

Hex(42631E)

Have a look what the booklet for
Hex(42631E) contains.

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Color

Hex(42631E)

Conversions

Conversions Part 1

Format	Color
Hex	42631E
RGB	66, 99, 30
RGB Percent	26%, 39%, 12%
CMY	0.7412, 0.6118, 0.8824
CMYK	0.33, 0.00, 0.70, 0.61
HSL	89°, 53%, 25%
HSV	89°, 70%, 39%
XYZ	6.9430, 10.1757, 2.8265
YIQ	81.2670, 2.4810, -28.4550

Conversions

Conversions Part 2

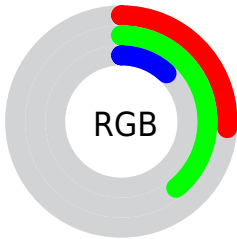
Format	Color
R_{YB}	30, 99, 63
Decimal	4350750
CIE Lab	38.16, -24.42, 34.15
CIE LCh	38, 41.985, 125.563
Yxy	10.1757, 0.3481, 0.5102
Android (android.graphics.Color)	4282540830 (0xFF42631E)
YUV	81.2670, -25.2746, -13.3892
Hunter-Lab	31.8993, -16.9729, 17.0761

Details

The Hex color **42631E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3F1E63**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **75964E**, and **133400** is the 20% darker color. If you saturate the color by 10%, you get **3D6314**, and if you desaturate by 10%, it is **476328**.

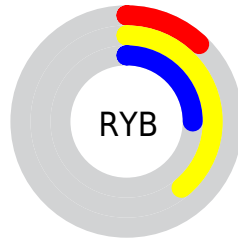
Distribution



Red (26%)

Green (39%)

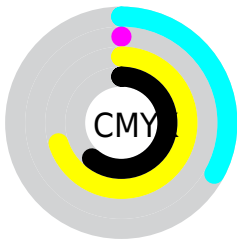
Blue (12%)



Red (12%)

Yellow (39%)

Blue (25%)

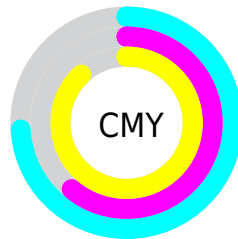


Cyan (33%)

Magenta (0%)

Yellow (70%)

Black (61%)



Cyan (74%)

Magenta (61%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42631E 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 42631E by changing the saturation by 10% instead.

 42631E

 42631E

FFFFFF

 2A4B04

 75964E

 133400

 8FB167

 002000

 AACC80

 000000

 C6E99B

 E2FFB6

 FFFFD2

 FFFFEE

 42631E

 42631E

■ 3D6314

■ 476328

■ 39630A

■ 4B6332

■ 346300

■ 50633C

■ 556346

■ 5A6350

■ 5E6359

■ 636363

■ 68636D

■ 6D6377

Harmonies

Analogous

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



665A0D



42631E



00683C

Triad

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



42631E



006597



973955

Complementary

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



42631E



3F1E63

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.



884077



42631E



125C9E

Square

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



42631E



006981



634E91



934034

Rectangle

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



42631E



006A53



634E91



943A60

Sweetspot

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



42631E



738065



633E1E



384030



BFBFBF



404040

Same Dimension

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



42631E



4C8014



20631E



2E302C



3B7000



7DF000

Inverse Universe

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



3F1E63



481480



611E63



2E2C30



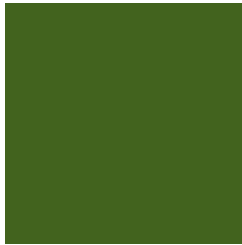
360070



7300F0

Previews

White Background



This preview shows how the Hex color 42631E looks on a white background.

Color Contrast Check

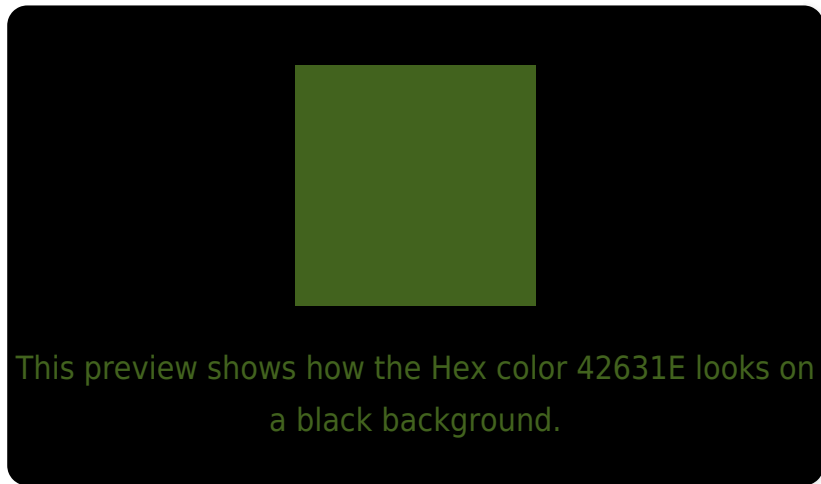
Large Text (above 18pt) WCAG AA ✓ Pass

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

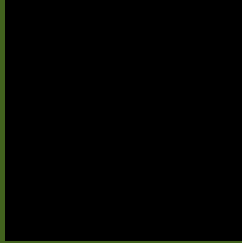
Any Text WCAG AA × Fail

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 42631E Background



This preview shows how black text looks on a background with the Hex color 42631E.



This preview shows how white text looks on a background with the Hex color 42631E.

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](#).

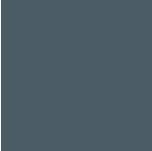
Dichromacy



Original Color
42631E

Protanopia
645A1C

Deuteranopia
705523



Tritanopia
4B5C64

Trichromacy



Original Color
42631E

Protanomaly
585D1D

Deuteranomaly
5F5A21

Tritanomaly
485F4B

Monochromacy



Original Color
42631E

Achromatopsia
515151

Achromatomaly
4C583E

CSS Examples

Text

The CSS property to change the color of the text to Hex 42631E 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 #42631E looks like.

```
.text, #text, p{  
    color:#42631E  
}
```

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 #42631E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42631E
}
```

Border

The CSS property to change the border of an element to Hex 42631E 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".

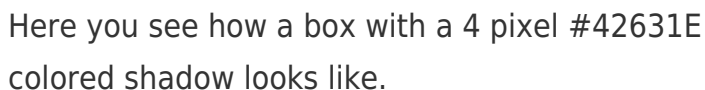
```
.border, #border, table{ border:4px solid
#42631E }
```

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

```
.border{ border-color:#42631E }
```

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

Here you see how a box with a 4 pixel #42631E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42631E; -webkit-box-shadow:4px 4px  
4px 4px #42631E; box-shadow:4px 4px 4px  
4px #42631E }
```

Background

The CSS property to change the background color of an element to Hex 42631E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42631E }
```

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

```
.background{ background-color:#42631E }
```

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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