

Converting Colors

Hex(3A681E)

Have a look what the booklet for
Hex(3A681E) contains.

Hex(3A681E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A681E)

Conversions

Conversions Part 1

Format	Color
Hex	3A681E
RGB	58, 104, 30
RGB Percent	23%, 41%, 12%
CMY	0.7725, 0.5922, 0.8824
CMYK	0.44, 0.00, 0.71, 0.59
HSL	97°, 55%, 26%
HSV	97°, 71%, 41%
XYZ	6.9296, 10.8939, 2.9658
YIQ	81.8100, -3.6620, -32.7660

Conversions

Conversions Part 2

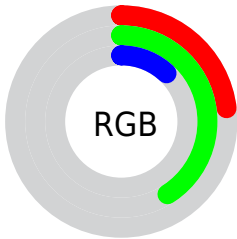
Format	Color
RYB	30, 104, 76
Decimal	3827742
CIELab	39.40, -29.92, 35.34
CIELCh	39, 46.307, 130.250
Yxy	10.8939, 0.3333, 0.5240
Android (android.graphics.Color)	4282017822 (0xFF3A681E)
YUV	81.8100, -25.5423, -20.8814
Hunter-Lab	33.0059, -20.2843, 17.7765

Details

The Hex color **3A681E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4C1E68**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6D9C4E**, and **063800** is the 20% darker color. If you saturate the color by 10%, you get **346814**, and if you desaturate by 10%, it is **406828**.

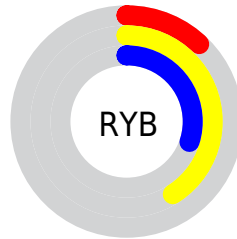
Distribution



Red (23%)

Green (41%)

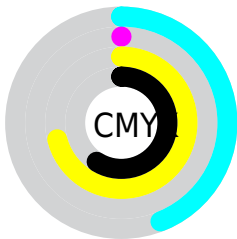
Blue (12%)



Red (12%)

Yellow (41%)

Blue (30%)

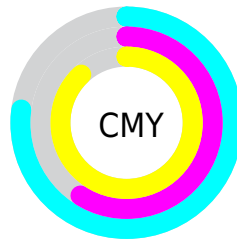


Cyan (44%)

Magenta (0%)

Yellow (71%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A681E 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 3A681E by changing the saturation by 10% instead.



3A681E



3A681E

FFFFFF



205004



6D9C4E



063800



88B767



002300



A3D281



000000



BEEF9C



DBFFB7



F8FFD3



FFFFEF



3A681E



3A681E

■ 346814

■ 406828

■ 2D6809

■ 476833

■ 276800

■ 4D683D

■ 546848

■ 5A6852

■ 61685C

■ 676867

■ 6E6871

■ 74687C

Harmonies

Analogous

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



635F03



3A681E



006D42

Triad

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



3A681E



0068A4



A13751

Complementary

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



3A681E



4C1E68

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.



943D77



3A681E



1F5DA7

Square

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



3A681E



006D8D



6F4D97



9A422E

Rectangle

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



3A681E



006E5C



6F4D97



9F375E

Sweetspot

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



3A681E



76876B



684C1E



3A4534



C4C4C4



454545

Same Dimension

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



3A681E



408714



1E6827



30332E



2B7300



5CF200

Inverse Universe

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



4C1E68



5C1487



681E5F



312E33



470073



9700F2

Previews

White Background



This preview shows how the Hex color 3A681E looks on a white background.

Color Contrast Check

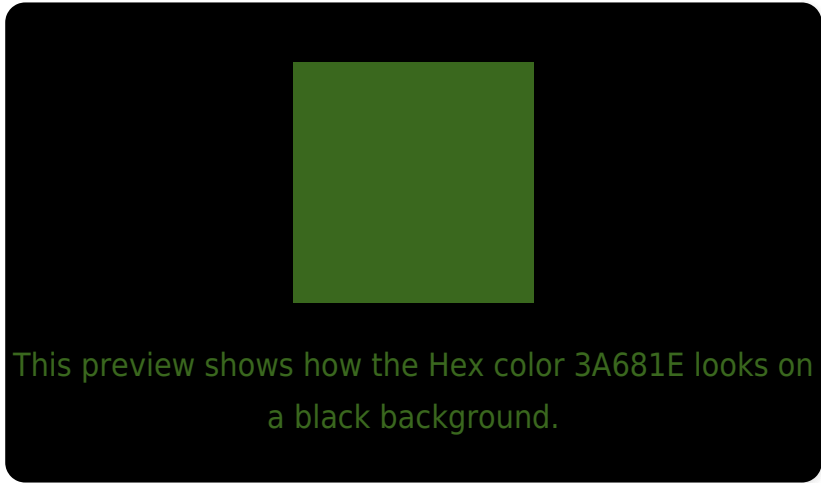
Large Text (above 18pt) WCAG AA ✓ Pass

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

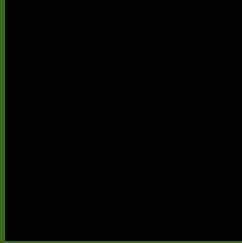
Any Text WCAG AA × Fail

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 3A681E Background



This preview shows how black text looks on a background with the Hex color 3A681E.



This preview shows how white text looks on a background with the Hex color 3A681E.

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
3A681E

Protanopia
685D1B

Deuteranopia
735824



Tritanopia
466169

Trichromacy



Original Color
3A681E

Protanomaly
57611C

Deuteranomaly
5E5E22

Tritanomaly
42644E

Monochromacy



Original Color
3A681E

Achromatopsia
525252

Achromatomaly
495A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A681E 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 #3A681E looks like.

```
.text, #text, p{  
    color:#3A681E  
}
```

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 #3A681E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A681E
}
```

Border

The CSS property to change the border of an element to Hex 3A681E is called "border". The border property can be set on classes, ids or directly on the HTML element.

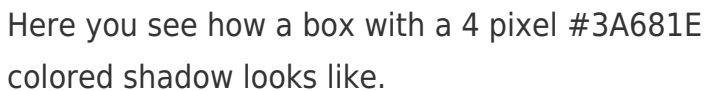
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A681E }
```

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

```
.border{ border-color:#3A681E }
```

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



Here you see how a box with a 4 pixel #3A681E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A681E; -webkit-box-shadow:4px 4px  
4px 4px #3A681E; box-shadow:4px 4px 4px  
4px #3A681E }
```

Background

The CSS property to change the background color of an element to Hex 3A681E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A681E }
```

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

```
.background{ background-color:#3A681E }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor