

Converting Colors

Hex(5F681E)

Have a look what the booklet for
Hex(5F681E) contains.

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Color

Hex(5F681E)

Conversions

Conversions Part 1

Format	Color
Hex	5F681E
RGB	95, 104, 30
RGB Percent	37%, 41%, 12%
CMY	0.6275, 0.5922, 0.8824
CMYK	0.09, 0.00, 0.71, 0.59
HSL	67°, 55%, 26%
HSV	67°, 71%, 41%
XYZ	9.9040, 12.4273, 3.1050
YIQ	92.8730, 18.3900, -24.9220

Conversions

Conversions Part 2

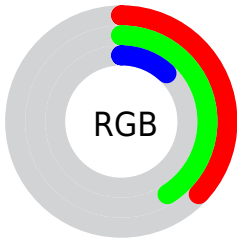
Format	Color
RYB	30, 104, 39
Decimal	6252574
CIELab	41.89, -14.23, 38.70
CIELCh	42, 41.235, 110.187
Yxy	12.4273, 0.3894, 0.4886
Android (android.graphics.Color)	4284442654 (0xFF5F681E)
YUV	92.8730, -30.9964, 1.8654
Hunter-Lab	35.2523, -11.5428, 19.4544

Details

The Hex color **5F681E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **271E68**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **949B4F**, and **2F3900** is the 20% darker color. If you saturate the color by 10%, you get **5E6814**, and if you desaturate by 10%, it is **606828**.

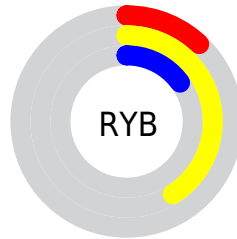
Distribution



Red (37%)

Green (41%)

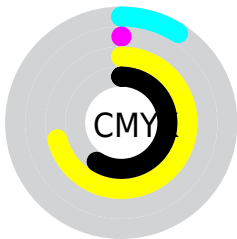
Blue (12%)



Red (12%)

Yellow (41%)

Blue (15%)

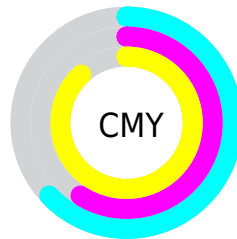


Cyan (9%)

Magenta (0%)

Yellow (71%)

Black (59%)



Cyan (63%)

Magenta (59%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F681E 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 5F681E by changing the saturation by 10% instead.



5F681E



5F681E

FFFFFF



465003



949B4F



2F3900



AFB668



162400



CBD182



000D00



E8EE9C



000000



FFFFB8



FFFFD4



FFFFF0



5F681E



5F681E

■ 5E6814

■ 606828

■ 5C6809

■ 626833

■ 5B6800

■ 63683D

■ 646848

■ 656852

■ 67685C

■ 686867

■ 696871

■ 6A687C

Harmonies

Analogous

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



7F5D1C



5F681E



366F35

Triad

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



5F681E



007196



9B456F

Complementary

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



5F681E



271E68

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.



81508F



5F681E



006AA6

Square

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



5F681E



007379



505EA3



A1454D

Rectangle

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



5F681E



00724B



505EA3



95487B

Sweetspot

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



5F681E



84876B



68271E



434534



C4C4C4



454545

Same Dimension

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



5F681E



798714



3A681E



32332E



657300



D5F200

Inverse Universe

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



271E68



221487



4C1E68



2F2E33



0E0073



1D00F2

Previews

White Background



This preview shows how the Hex color 5F681E looks on a white background.

Color Contrast Check

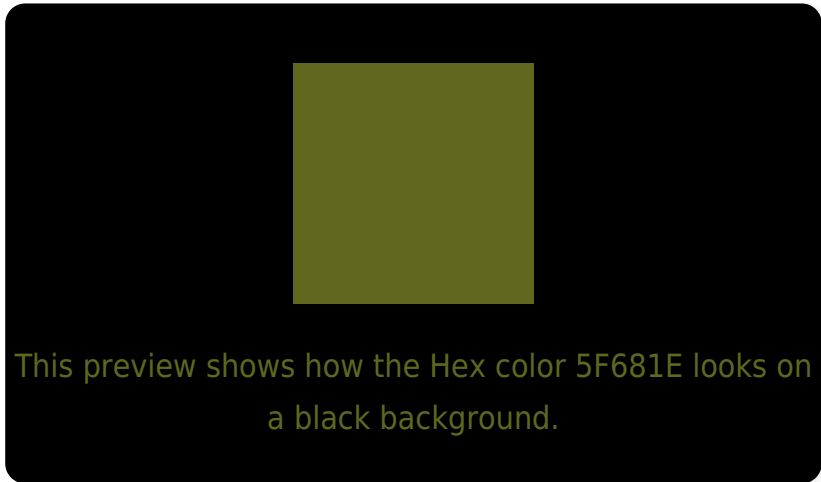
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F681E Background



This preview shows how black text looks on a background with the Hex color 5F681E.



This preview shows how white text looks on a background with the Hex color 5F681E.

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
5F681E

Protanopia
6F631D

Deuteranopia
7B5E22



Tritanopia
666169

Trichromacy



Original Color
5F681E

Protanomaly
69651D

Deuteranomaly
716221

Tritanomaly
63644E

Monochromacy



Original Color
5F681E

Achromatopsia
5D5D5D

Achromatomaly
5E6146

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F681E 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 #5F681E looks like.

```
.text, #text, p{  
    color:#5F681E  
}
```

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 #5F681E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F681E
}
```

Border

The CSS property to change the border of an element to Hex 5F681E 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
#5F681E }
```

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

```
.border{ border-color:#5F681E }
```

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

Here you see how a box with a 4 pixel #5F681E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F681E; -webkit-box-shadow:4px 4px  
4px 4px #5F681E; box-shadow:4px 4px 4px  
4px #5F681E }
```

Background

The CSS property to change the background color of an element to Hex 5F681E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F681E }
```

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

```
.background{ background-color:#5F681E }
```

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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