

Converting Colors

Hex(645F1C)

Have a look what the booklet for
Hex(645F1C) contains.

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Color

Hex(645F1C)

Conversions

Conversions Part 1

Format	Color
Hex	645F1C
RGB	100, 95, 28
RGB Percent	39%, 37%, 11%
CMY	0.6078, 0.6275, 0.8902
CMYK	0.00, 0.05, 0.72, 0.61
HSL	56°, 56%, 25%
HSV	56°, 72%, 39%
XYZ	9.5573, 10.9776, 2.7138
YIQ	88.8570, 24.4870, -19.7770

Conversions

Conversions Part 2

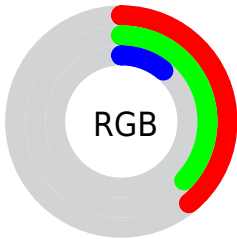
Format	Color
R_{YB}	33, 100, 28
Decimal	6577948
CIE Lab	39.54, -6.90, 37.34
CIE LCh	40, 37.975, 100.470
Yxy	10.9776, 0.4111, 0.4722
Android (android.graphics.Color)	4284768028 (0xFF645F1C)
YUV	88.8570, -30.0025, 9.7724
Hunter-Lab	33.1324, -6.4919, 18.3365

Details

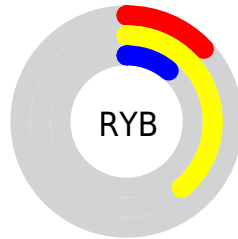
The Hex color **645F1C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1C2164**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **99914C**, and **333100** is the 20% darker color. If you saturate the color by 10%, you get **645E12**, and if you desaturate by 10%, it is **646026**.

Distribution



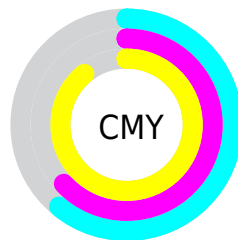
- Red (39%)
- Green (37%)
- Blue (11%)



- Red (13%)
- Yellow (39%)
- Blue (11%)



- Cyan (0%)
- Magenta (5%)
- Yellow (72%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645F1C 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 645F1C by changing the saturation by 10% instead.



645F1C



645F1C

FFFFFF



4B4702



99914C



333100



B5AC65



1B1C00



D1C77F



000000



EEE399



FFFFB4



FFFFD0



FFFFED



645F1C



645F1C

■ 645E12

■ 646026

■ 645E08

■ 646030

■ 645D00

■ 64613A

■ 646244

■ 64624E

■ 646358

■ 646462

■ 64656C

■ 646576

Harmonies

Analogous

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



7F5421



645F1C



42672C

Triad

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



645F1C



006B85



8B4573

Complementary

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



645F1C



1C2164

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.



6D508C



645F1C



006697

Square

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



645F1C



006C67



385D9A



964253

Rectangle

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



645F1C



236A3D



385D9A



83487C

Sweetspot

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



645F1C



828065



641C22



424131



C2C2C2



424242

Same Dimension

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



645F1C



827A12



46641C



33332E



736B00



F2E100

Inverse Universe

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



1C2164



121A82



3A1C64



2E2E33



000873



0011F2

Previews

White Background



This preview shows how the Hex color 645F1C looks on a white background.

Color Contrast Check

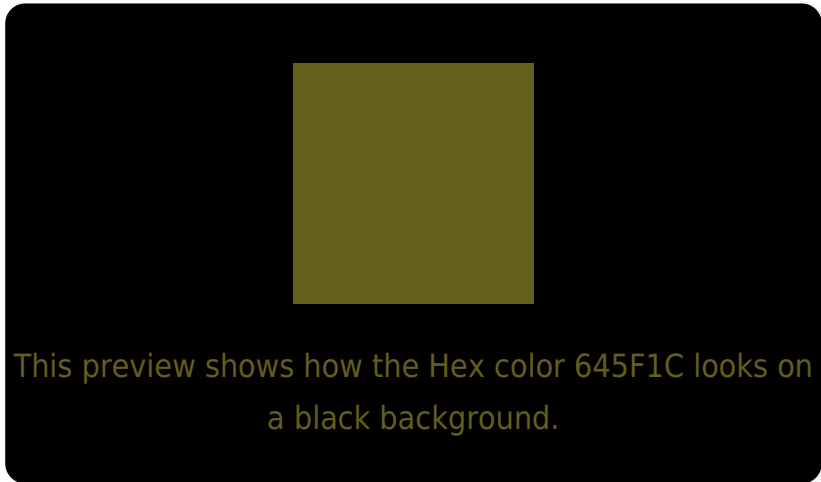
Large Text (above 18pt) WCAG AA ✓ Pass

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

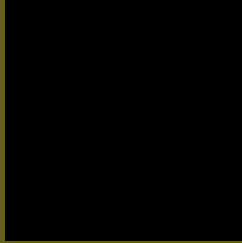
Any Text WCAG AA × Fail

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 645F1C Background



This preview shows how black text looks on a background with the Hex color 645F1C.



This preview shows how white text looks on a background with the Hex color 645F1C.

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
645F1C

Protanopia
695D1C

Deuteranopia
75591E



Tritanopia
6A5960

Trichromacy



Original Color
645F1C

Protanomaly
675E1C

Deuteranomaly
6F5B1D

Tritanomaly
685B47

Monochromacy



Original Color
645F1C

Achromatopsia
595959

Achromatomaly
5D5B43

CSS Examples

Text

The CSS property to change the color of the text to Hex 645F1C 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 #645F1C looks like.

```
.text, #text, p{  
    color:#645F1C  
}
```

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 #645F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645F1C
}
```

Border

The CSS property to change the border of an element to Hex 645F1C 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
#645F1C }
```

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

```
.border{ border-color:#645F1C }
```

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

Here you see how a box with a 4 pixel #645F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645F1C; -webkit-box-shadow:4px 4px  
4px 4px #645F1C; box-shadow:4px 4px 4px  
4px #645F1C }
```

Background

The CSS property to change the background color of an element to Hex 645F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645F1C }
```

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

```
.background{ background-color:#645F1C }
```

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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