

Converting Colors

Hex(643D0F)

Have a look what the booklet for
Hex(643D0F) contains.

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Color

Hex(643D0F)

Conversions

Conversions Part 1

Format	Color
Hex	643D0F
RGB	100, 61, 15
RGB Percent	39%, 24%, 6%
CMY	0.6078, 0.7608, 0.9412
CMYK	0.00, 0.39, 0.85, 0.61
HSL	32°, 74%, 23%
HSV	32°, 85%, 39%
XYZ	7.0105, 6.0813, 1.2563
YIQ	67.4170, 38.0100, -6.0380

Conversions

Conversions Part 2

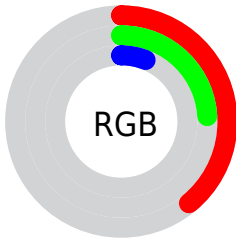
Format	Color
R_{YB}	87, 100, 15
Decimal	6569231
CIE _{Lab}	29.62, 13.06, 33.46
CIE _{LCh}	30, 35.917, 68.670
Yxy	6.0813, 0.4886, 0.4238
Android (android.graphics.Color)	4284759311 (0xFF643D0F)
YUV	67.4170, -25.8416, 28.5753
Hunter-Lab	24.6603, 7.5890, 14.2418

Details

The Hex color **643D0F** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0F3664**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9B6D3D**, and **301300** is the 20% darker color. If you saturate the color by 10%, you get **643805**, and if you desaturate by 10%, it is **644219**.

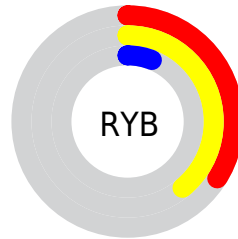
Distribution



Red (39%)

Green (24%)

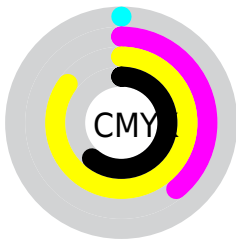
Blue (6%)



Red (34%)

Yellow (39%)

Blue (6%)

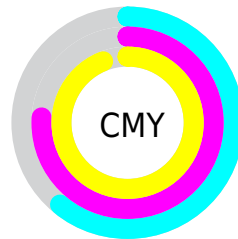


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (61%)



Cyan (61%)

Magenta (76%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 643D0F 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 643D0F by changing the saturation by 10% instead.

 643D0F

 643D0F

 FFFFF6

 4A2700

 9B6D3D

 301300

 B78655

 180001

 D4A06E

 000000

 F1BB88

 FFD7A2

 FFF3BD

 FFFFD9

 643D0F

 643D0F

■ 643805

■ 644219

■ 643600

■ 644623

■ 644B2D

■ 644F37

■ 645441

■ 64594B

■ 645D55

■ 64625F

■ 646669

Harmonies

Analogous

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



743224



643D0F



4D4707

Triad

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



643D0F



00534D



513B72

Complementary

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



643D0F



0F3664

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.



17467D



643D0F



005268

Square

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



643D0F



005230



004E79



6D2F5B

Rectangle

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



643D0F



3A4C10



004E79



433F77

Sweetspot

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



643D0F



827360



640F37



42392E



C2C2C2



424242

Same Dimension

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



643D0F



824600



61640F



33312E



733E00



F28300

Inverse Universe

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



0F3664



003C82



120F64



2E3033



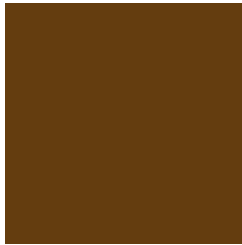
003573



006FF2

Previews

White Background



This preview shows how the Hex color 643D0F looks on a white background.

Color Contrast Check

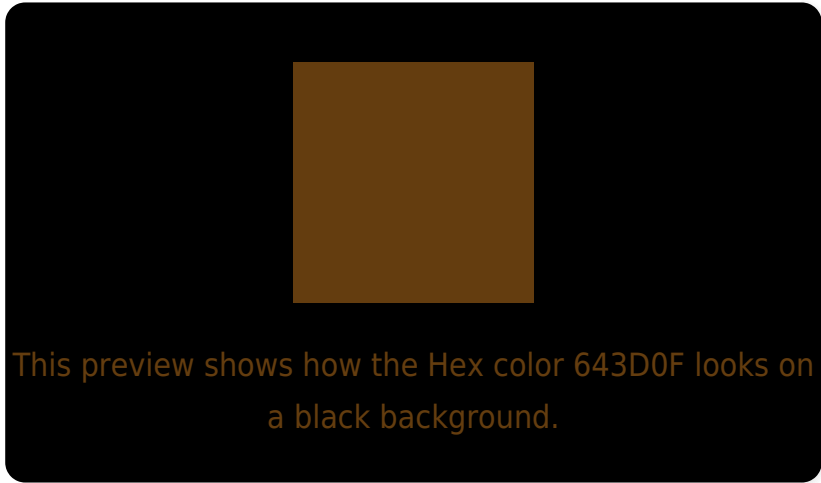
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

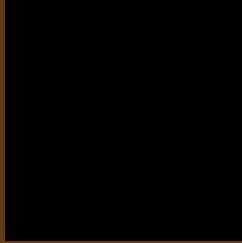
Any Text WCAG AA × Fail

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 643D0F Background



This preview shows how black text looks on a background with the Hex color 643D0F.



This preview shows how white text looks on a background with the Hex color 643D0F.

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
643D0F

Protanopia
4F4611

Deuteranopia
59430C



Tritanopia
66393D

Trichromacy



Original Color
643D0F

Protanomaly
574310

Deuteranomaly
5D410D

Tritanomaly
653A2C

Monochromacy



Original Color
643D0F

Achromatopsia
434343

Achromatomaly
4F4130

CSS Examples

Text

The CSS property to change the color of the text to Hex 643D0F 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 #643D0F looks like.

```
.text, #text, p{  
    color:#643D0F  
}
```

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 #643D0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #643D0F
}
```

Border

The CSS property to change the border of an element to Hex 643D0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

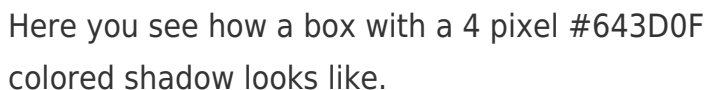
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#643D0F }
```

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

```
.border{ border-color:#643D0F }
```

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



Here you see how a box with a 4 pixel #643D0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #643D0F; -webkit-box-shadow:4px 4px  
4px 4px #643D0F; box-shadow:4px 4px 4px  
4px #643D0F }
```

Background

The CSS property to change the background color of an element to Hex 643D0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#643D0F }
```

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

```
.background{ background-color:#643D0F }
```

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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