

Converting Colors

Hex(641D12)

Have a look what the booklet for
Hex(641D12) contains.

Hex(641D12)	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(641D12)

Conversions

Conversions Part 1

Format	Color
Hex	641D12
RGB	100, 29, 18
RGB Percent	39%, 11%, 7%
CMY	0.6078, 0.8863, 0.9294
CMYK	0.00, 0.71, 0.82, 0.61
HSL	8°, 69%, 23%
HSV	8°, 82%, 39%
XYZ	5.8041, 3.6317, 0.9674
YIQ	48.9750, 45.8470, 11.6310

Conversions

Conversions Part 2

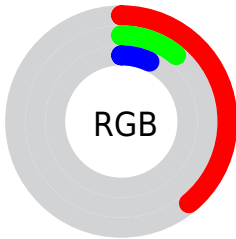
Format	Color
RYB	100, 31, 18
Decimal	6561042
CIELab	22.41, 31.32, 24.81
CIElCh	22, 39.952, 38.388
Yxy	3.6317, 0.5579, 0.3491
Android (android.graphics.Color)	4284751122 (0xFF641D12)
YUV	48.9750, -15.2707, 44.7489
Hunter-Lab	19.0571, 21.0145, 10.3304

Details

The Hex color **641D12** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **125964**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9C4D3D**, and **300000** is the 20% darker color. If you saturate the color by 10%, you get **641408**, and if you desaturate by 10%, it is **64261C**.

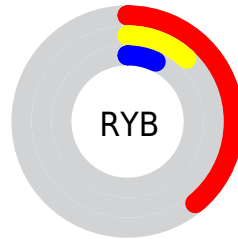
Distribution



Red (39%)

Green (11%)

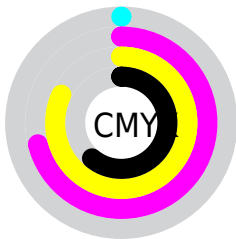
Blue (7%)



Red (39%)

Yellow (12%)

Blue (7%)

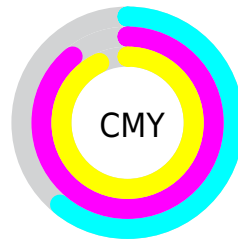


Cyan (0%)

Magenta (71%)

Yellow (82%)

Black (61%)



Cyan (61%)

Magenta (89%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 641D12 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 641D12 by changing the saturation by 10% instead.

 641D12

 641D12

 FFFFF4

 490300

 9C4D3D

 300000

 B96654

 000000

 D6806D

 F49B86

 FFB6A0

 FFD2BB

 FFEED7

 641D12

 641D12

■ 641408

■ 64261C

■ 640D00

■ 642E26

■ 643730

■ 64403A

■ 644844

■ 64514E

■ 645A58

■ 646262

■ 646B6C

Harmonies

Analogous

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



69112F



641D12



542C00

Triad

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



641D12



00411E



003771

Complementary

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



641D12



125964

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.



003F6D



641D12



00433D

Square

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



641D12



1A3E00



00425A



402965

Rectangle

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



641D12



443400



00425A



003A71

Sweetspot

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



641D12



826662



641259



42312E



C2C2C2



424242

Same Dimension

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



641D12



821403



644612



332F2E



730F00



F22000

Inverse Universe

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



125964



037182



123064



2E3233



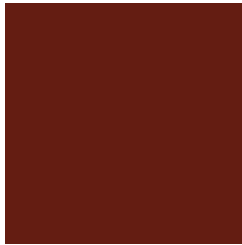
006373



00D2F2

Previews

White Background



This preview shows how the Hex color 641D12 looks on a white background.

Color Contrast Check

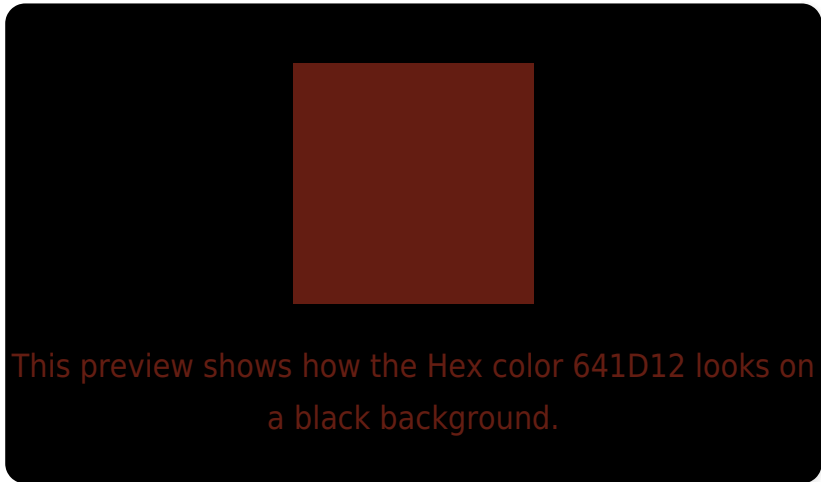
Large Text (above 18pt) WCAG AA ✓ Pass

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

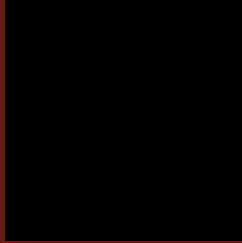
Any Text WCAG AA × Fail

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 641D12 Background



This preview shows how black text looks on a background with the Hex color 641D12.

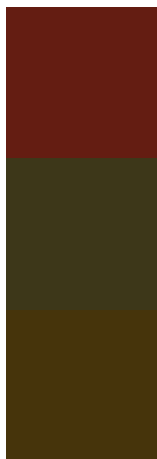


This preview shows how white text looks on a background with the Hex color 641D12.

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
641D12

Protanopia
3D3719

Deuteranopia
46340B



Tritanopia
641C1D

Trichromacy



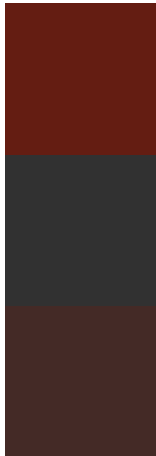
Original Color
641D12

Protanomaly
4B2E16

Deuteranomaly
512C0E

Tritanomaly
641C19

Monochromacy



Original Color
641D12

Achromatopsia
313131

Achromatomaly
442A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 641D12 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 #641D12 looks like.

```
.text, #text, p{  
    color:#641D12  
}
```

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 #641D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #641D12
}
```

Border

The CSS property to change the border of an element to Hex 641D12 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".

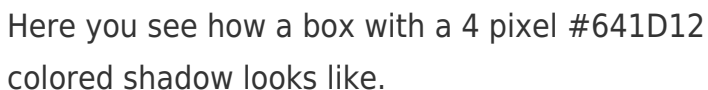
```
.border, #border, table{ border:4px solid
#641D12 }
```

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

```
.border{ border-color:#641D12 }
```

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

Here you see how a box with a 4 pixel #641D12 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #641D12 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #641D12; -webkit-box-shadow:4px 4px  
4px 4px #641D12; box-shadow:4px 4px 4px  
4px #641D12 }
```

Background

The CSS property to change the background color of an element to Hex 641D12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#641D12 }
```

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

```
.background{ background-color:#641D12 }
```

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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