

Converting Colors

Hex(640D01)

Have a look what the booklet for
Hex(640D01) contains.

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Color

Hex(640D01)

Conversions

Conversions Part 1

Format	Color
Hex	640D01
RGB	100, 13, 1
RGB Percent	39%, 5%, 0%
CMY	0.6078, 0.9490, 0.9961
CMYK	0.00, 0.87, 0.99, 0.61
HSL	7°, 98%, 20%
HSV	7°, 99%, 39%
XYZ	5.4049, 2.9994, 0.3228
YIQ	37.6450, 55.7040, 14.7120

Conversions

Conversions Part 2

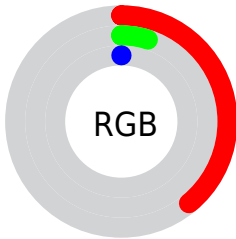
Format	Color
RYB	100, 15, 1
Decimal	6556929
CIELab	20.04, 36.92, 29.94
CIElCh	20, 47.535, 39.035
Yxy	2.9994, 0.6193, 0.3437
Android (android.graphics.Color)	4284747009 (0xFF640D01)
YUV	37.6450, -18.0660, 54.6853
Hunter-Lab	17.3187, 25.3998, 11.0180

Details

The Hex color **640D01** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **015864**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **9D422F**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **640C00**, and if you desaturate by 10%, it is **64160B**.

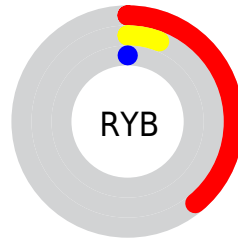
Distribution



Red (39%)

Green (5%)

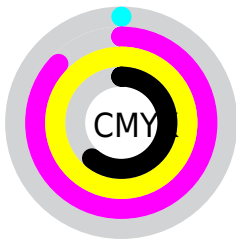
Blue (0%)



Red (39%)

Yellow (6%)

Blue (0%)

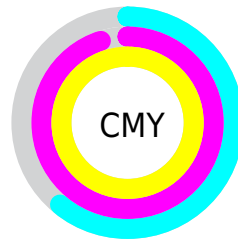


Cyan (0%)

Magenta (87%)

Yellow (99%)

Black (61%)



Cyan (61%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640D01 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 640D01 by changing the saturation by 10% instead.

 640D01

 640D01

 FFFFE3

 480000

 9D422F

 300002

 BB5B46

 000000

 D9755E

 F78F77

 FFAA91

 FFC6AB

 FFE2C7

 640D01

 640D01

■ 640C00

■ 64160B

■ 641F15

■ 64271F

■ 643029

■ 643933

■ 64423D

■ 644B47

■ 645351

■ 645C5B

Harmonies

Analogous

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



6B0028



640D01



502500

Triad

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



640D01



003D15



003276

Complementary

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



640D01



015864

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.



003B72



640D01



003E3A

Square

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



640D01



083A00



003E5C



3C2167

Rectangle

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



640D01



3E2F00



003E5C



003677

Sweetspot

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



640D01



82605B



640158



422D2A



C2C2C2



424242

Same Dimension

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



640D01



821000



643E01



332F2E



730E00



F21D00

Inverse Universe

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



015864



007282



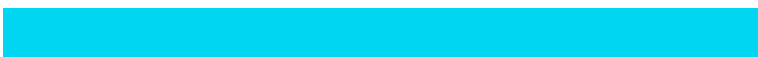
012764



2E3233



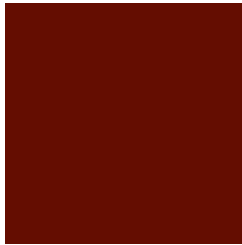
006573



00D5F2

Previews

White Background



This preview shows how the Hex color 640D01 looks on a white background.

Color Contrast Check

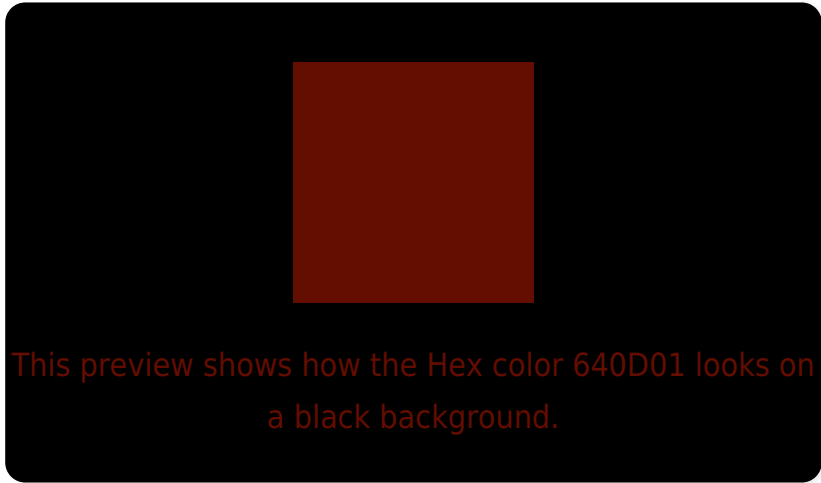
Large Text (above 18pt) WCAG AA ✓ Pass

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

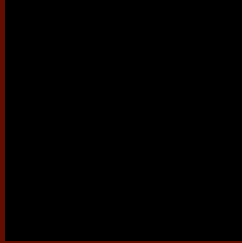
Any Text WCAG AA × Fail

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 640D01 Background



This preview shows how black text looks on a background with the Hex color 640D01.



This preview shows how white text looks on a background with the Hex color 640D01.

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
640D01

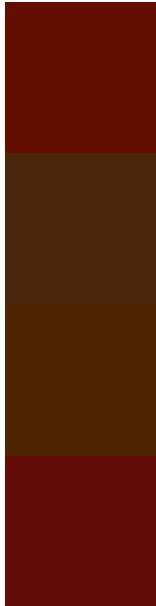
Protanopia
3A330D

Deuteranopia
413100



Tritanopia
640C0A

Trichromacy



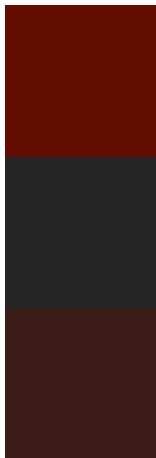
Original Color
640D01

Protanomaly
492509

Deuteranomaly
4E2400

Tritanomaly
640C07

Monochromacy



Original Color
640D01

Achromatopsia
262626

Achromatomaly
3D1D19

CSS Examples

Text

The CSS property to change the color of the text to Hex 640D01 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 #640D01 looks like.

```
.text, #text, p{  
    color:#640D01  
}
```

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 #640D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640D01
}
```

Border

The CSS property to change the border of an element to Hex 640D01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

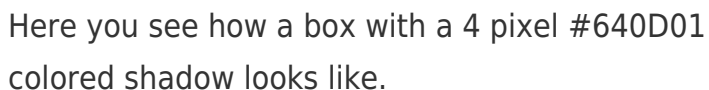
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640D01 }
```

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

```
.border{ border-color:#640D01 }
```

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



Here you see how a box with a 4 pixel #640D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640D01; -webkit-box-shadow:4px 4px  
4px 4px #640D01; box-shadow:4px 4px 4px  
4px #640D01 }
```

Background

The CSS property to change the background color of an element to Hex 640D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640D01 }
```

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

```
.background{ background-color:#640D01 }
```

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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