

Converting Colors

Hex(613D00)

Have a look what the booklet for
Hex(613D00) contains.

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Color

Hex(613D00)

Conversions

Conversions Part 1

Format	Color
Hex	613D00
RGB	97, 61, 0
RGB Percent	38%, 24%, 0%
CMY	0.6196, 0.7608, 1.0000
CMYK	0.00, 0.37, 1.00, 0.62
HSL	38°, 100%, 19%
HSV	38°, 100%, 38%
XYZ	6.5985, 5.8789, 0.7870
YIQ	64.8100, 41.0370, -11.3390

Conversions

Conversions Part 2

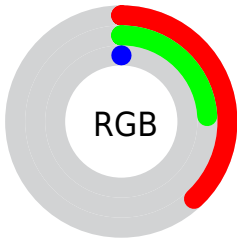
Format	Color
RYB	57, 97, 0
Decimal	6372608
CIELab	29.10, 11.08, 38.92
CIELCh	29, 40.471, 74.111
Yxy	5.8789, 0.4975, 0.4432
Android (android.graphics.Color)	4284562688 (0xFF613D00)
YUV	64.8100, -31.9513, 28.2306
Hunter-Lab	24.2464, 6.1465, 15.0481

Details

The Hex color **613D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002461**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **986C31**, and **2D1300** is the 20% darker color. If you saturate the color by 10%, you get **613D00**, and if you desaturate by 10%, it is **61410A**.

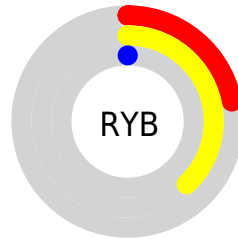
Distribution



Red (38%)

Green (24%)

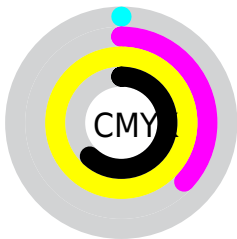
Blue (0%)



Red (22%)

Yellow (38%)

Blue (0%)

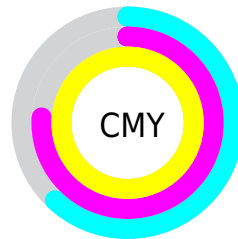


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (62%)



Cyan (62%)


Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613D00 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 613D00 by changing the saturation by 10% instead.

 613D00

 613D00

 FFFFE9

 472700

 986C31

 2D1300

 B48649

 110000

 D1A062


 000000

 EE7B7C

 FFD696

 FFF3B1

 FFFFCD

 613D00

■ 61410A

■ 614413

■ 61481D

■ 614B27

■ 614F31

■ 61533A

■ 615644

■ 615A4E

■ 615D57

Harmonies

Analogous

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



752F1A



613D00



464800

Triad

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



613D00



005353



583572

Complementary

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



613D00



002461

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.



1B4382



613D00



005270

Square

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



613D00



005232



004D81



742757

Rectangle

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



613D00



2F4D09



004D81



4A3A79

Sweetspot

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



613D00



7D6F57



610025



403729



BFBFBF



404040

Same Dimension

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



613D00



7D4F00



566100



302F2C



704700



F09700

Inverse Universe

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



002461



002E7D



0B0061



2C2D30



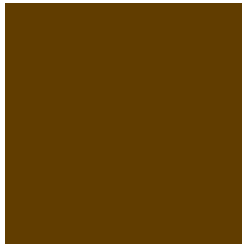
002A70



0059F0

Previews

White Background



This preview shows how the Hex color 613D00 looks on a white background.

Color Contrast Check

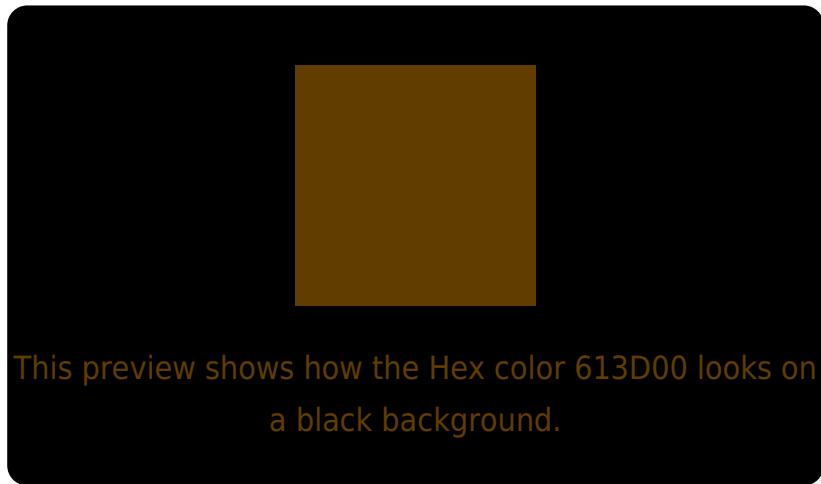
Large Text (above 18pt) WCAG AA ✓ Pass

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 613D00 Background



This preview shows how black text looks on a background with the Hex color 613D00.



This preview shows how white text looks on a background with the Hex color 613D00.

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
613D00

Protanopia
4E4507

Deuteranopia
584200



Tritanopia
63393D

Trichromacy



Original Color
613D00

Protanomaly
554204

Deuteranomaly
5B4000

Tritanomaly
623A27

Monochromacy



Original Color
613D00

Achromatopsia
414141

Achromatomaly
4D4029

CSS Examples

Text

The CSS property to change the color of the text to Hex 613D00 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 #613D00 looks like.

```
.text, #text, p{  
    color:#613D00  
}
```

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 #613D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613D00
}
```

Border

The CSS property to change the border of an element to Hex 613D00 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
#613D00 }
```

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

```
.border{ border-color:#613D00 }
```

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

Here you see how a box with a 4 pixel #613D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613D00; -webkit-box-shadow:4px 4px  
4px 4px #613D00; box-shadow:4px 4px 4px  
4px #613D00 }
```

Background

The CSS property to change the background color of an element to Hex 613D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613D00 }
```

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

```
.background{ background-color:#613D00 }
```

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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