

Converting Colors

Hex(613D10)

Have a look what the booklet for
Hex(613D10) contains.

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Color

Hex(613D10)

Conversions

Conversions Part 1

Format	Color
Hex	613D10
RGB	97, 61, 16
RGB Percent	38%, 24%, 6%
CMY	0.6196, 0.7608, 0.9373
CMYK	0.00, 0.37, 0.84, 0.62
HSL	33°, 72%, 22%
HSV	33°, 84%, 38%
XYZ	6.6920, 5.9163, 1.2795
YIQ	66.6340, 35.9010, -6.3630

Conversions

Conversions Part 2

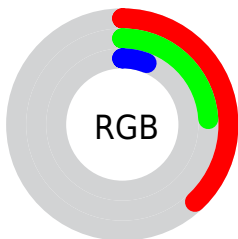
Format	Color
R_{YB}	81, 97, 16
Decimal	6372624
CIE Lab	29.20, 11.63, 32.46
CIE LCh	29, 34.484, 70.282
Yxy	5.9163, 0.4819, 0.4260
Android (android.graphics.Color)	4284562704 (0xFF613D10)
YUV	66.6340, -24.9626, 26.6310
Hunter-Lab	24.3234, 6.5442, 13.9076

Details

The Hex color **613D10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103461**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **976C3E**, and **2E1300** is the 20% darker color. If you saturate the color by 10%, you get **613906**, and if you desaturate by 10%, it is **61411A**.

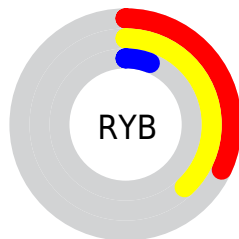
Distribution



Red (38%)

Green (24%)

Blue (6%)



Red (32%)

Yellow (38%)

Blue (6%)

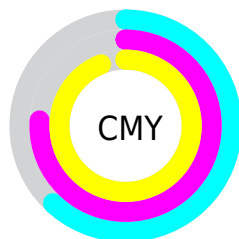


Cyan (0%)

Magenta (37%)

Yellow (84%)

Black (62%)



Cyan (62%)


Magenta (76%)


Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 613D10 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 613D10 by changing the saturation by 10% instead.

 613D10

 613D10

 FFFFF7

 482700

 976C3E

 2E1300

 B38656

 130000

 D0A06F

 000000


 EDBB88

 FFD7A3

 FFF3BE

 FFFFDA

 613D10

 613D10

■ 613906

■ 61411A

■ 613600

■ 614623

■ 614A2D

■ 614E37

■ 615341

■ 61574A

■ 615B54

■ 615F5E

■ 616467

Harmonies

Analogous

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



713224



613D10



4A460A

Triad

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



613D10



00524E



523A6E

Complementary

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



613D10



103461

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.



204579



613D10



005167

Square

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



613D10



005032



004D77



6C2F57

Rectangle

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



613D10



384B13



004D77



453E73

Sweetspot

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



613D10



7D6F5E



611034



40372D



BFBFBF



404040

Same Dimension

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



613D10



7D4500



5D6110



302E2C



703E00



F08500

Inverse Universe

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



103461



00387D



141061



2C2E30



003270



006BF0

Previews

White Background



This preview shows how the Hex color 613D10 looks on a white background.

Color Contrast Check

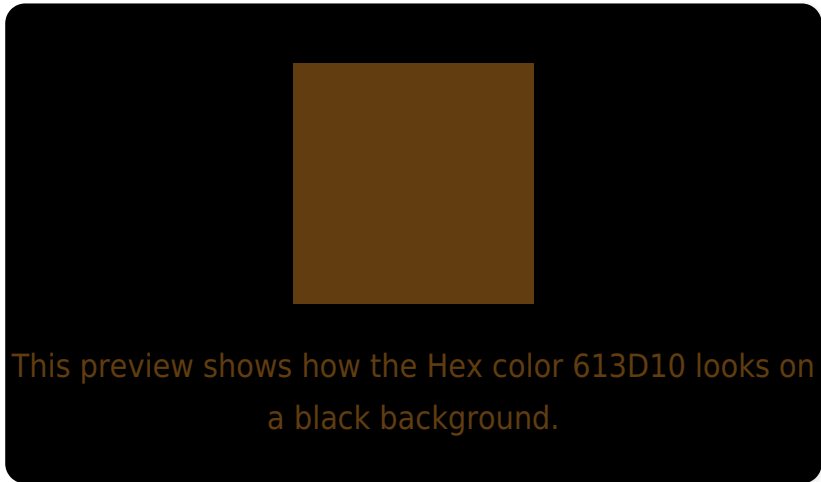
Large Text (above 18pt) WCAG AA ✓ Pass

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

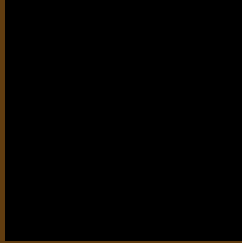
Any Text WCAG AA × Fail

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 613D10 Background



This preview shows how black text looks on a background with the Hex color 613D10.



This preview shows how white text looks on a background with the Hex color 613D10.

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
613D10

Protanopia
4E4512

Deuteranopia
57420E



Tritanopia
63393D

Trichromacy



Original Color
613D10

Protanomaly
554211

Deuteranomaly
5B400F

Tritanomaly
623A2D

Monochromacy



Original Color
613D10

Achromatopsia
434343

Achromatomaly
4E4130

CSS Examples

Text

The CSS property to change the color of the text to Hex 613D10 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 #613D10 looks like.

```
.text, #text, p{  
    color:#613D10  
}
```

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 #613D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613D10
}
```

Border

The CSS property to change the border of an element to Hex 613D10 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
#613D10 }
```

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

```
.border{ border-color:#613D10 }
```

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

Here you see how a box with a 4 pixel #613D10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613D10; -webkit-box-shadow:4px 4px  
4px 4px #613D10; box-shadow:4px 4px 4px  
4px #613D10 }
```

Background

The CSS property to change the background color of an element to Hex 613D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613D10 }
```

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

```
.background{ background-color:#613D10 }
```

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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