

Converting Colors

Hex(6D3E0B)

Have a look what the booklet for
Hex(6D3E0B) contains.

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Color

Hex(6D3E0B)

Conversions

Conversions Part 1

Format	Color
Hex	6D3E0B
RGB	109, 62, 11
RGB Percent	43%, 24%, 4%
CMY	0.5725, 0.7569, 0.9569
CMYK	0.00, 0.43, 0.90, 0.57
HSL	31°, 82%, 24%
HSV	31°, 90%, 43%
XYZ	8.0897, 6.7206, 1.1874
YIQ	70.2390, 44.3830, -5.8970

Conversions

Conversions Part 2

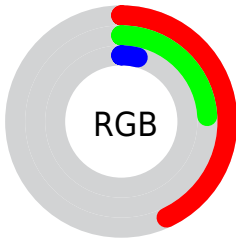
Format	Color
RYB	101, 109, 11
Decimal	7159307
CIELab	31.16, 16.65, 36.96
CIElCh	31, 40.540, 65.746
Yxy	6.7206, 0.5057, 0.4201
Android (android.graphics.Color)	4285349387 (0xFF6D3E0B)
YUV	70.2390, -29.2048, 33.9934
Hunter-Lab	25.9242, 10.3341, 15.4312

Details

The Hex color **6D3E0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B3A6D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A56E3B**, and **381300** is the 20% darker color. If you saturate the color by 10%, you get **6D3900**, and if you desaturate by 10%, it is **6D4316**.

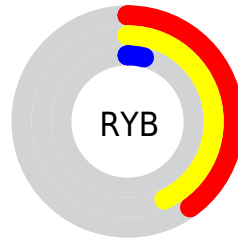
Distribution



Red (43%)

Green (24%)

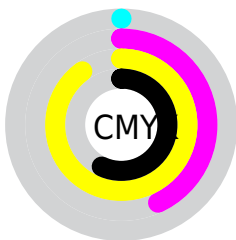
Blue (4%)



Red (40%)

Yellow (43%)

Blue (4%)

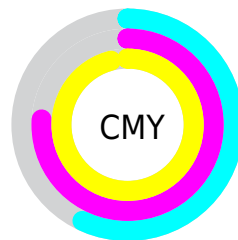


Cyan (0%)

Magenta (43%)

Yellow (90%)

Black (57%)



Cyan (57%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D3E0B 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 6D3E0B by changing the saturation by 10% instead.

 6D3E0B

 6D3E0B

 FFFFF4

 532800

 A56E3B

 381300

 C28753

 210000

 DFA26B

 000000

 FDBD85

 FFD8A0

 FFF5BB

 FFFFD7

 6D3E0B

 6D3E0B

■ 6D3900

■ 6D4316

■ 6D4821

■ 6D4E2C

■ 6D5337

■ 6D5842

■ 6D5D4C

■ 6D6357

■ 6D6862

■ 6D6D6D

Harmonies

Analogous

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



7E3026



6D3E0B



534A00

Triad

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



6D3E0B



00584F



523E7D

Complementary

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



6D3E0B



0B3A6D

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.



004B89



6D3E0B



00576E

Square

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



6D3E0B



00562E



005383



743064

Rectangle

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



6D3E0B



3E5006



005383



404383

Sweetspot

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



6D3E0B



8F7C68



6D0B3A



473C31



C7C7C7



474747

Same Dimension

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



6D3E0B



8F4A00



6B6D0B



363330



753D00



F57F00

Inverse Universe

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



0B3A6D



00448F



0D0B6D



303336



003875



0075F5

Previews

White Background



This preview shows how the Hex color 6D3E0B looks on a white background.

Color Contrast Check

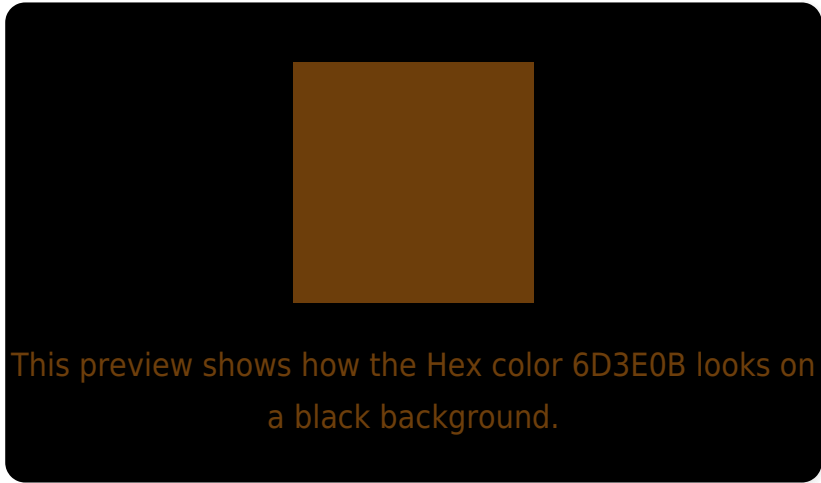
Large Text (above 18pt) WCAG AA ✓ Pass

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

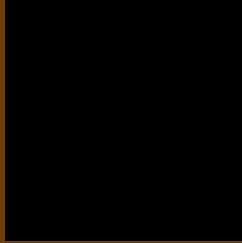
Any Text WCAG AA × Fail

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 6D3E0B Background



This preview shows how black text looks on a background with the Hex color 6D3E0B.



This preview shows how white text looks on a background with the Hex color 6D3E0B.

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
6D3E0B

Protanopia
534A0E

Deuteranopia
5E4600



Tritanopia
6F3A3E

Trichromacy



Original Color
6D3E0B

Protanomaly
5C460D

Deuteranomaly
634304

Tritanomaly
6E3B2B

Monochromacy



Original Color
6D3E0B

Achromatopsia
464646

Achromatomaly
544331

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D3E0B 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 #6D3E0B looks like.

```
.text, #text, p{  
    color:#6D3E0B  
}
```

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 #6D3E0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D3E0B
}
```

Border

The CSS property to change the border of an element to Hex 6D3E0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

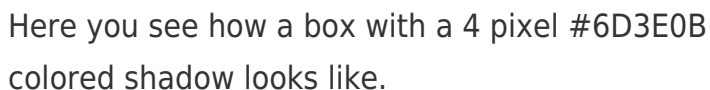
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D3E0B }
```

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

```
.border{ border-color:#6D3E0B }
```

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



Here you see how a box with a 4 pixel #6D3E0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D3E0B; -webkit-box-shadow:4px 4px  
4px 4px #6D3E0B; box-shadow:4px 4px 4px  
4px #6D3E0B }
```

Background

The CSS property to change the background color of an element to Hex 6D3E0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D3E0B }
```

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

```
.background{ background-color:#6D3E0B }
```

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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