

Converting Colors

Hex(6A3D0A)

Have a look what the booklet for
Hex(6A3D0A) contains.

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Color

Hex(6A3D0A)

Conversions

Conversions Part 1

Format	Color
Hex	6A3D0A
RGB	106, 61, 10
RGB Percent	42%, 24%, 4%
CMY	0.5843, 0.7608, 0.9608
CMYK	0.00, 0.42, 0.91, 0.58
HSL	32°, 83%, 23%
HSV	32°, 91%, 42%
XYZ	7.6674, 6.4236, 1.1229
YIQ	68.6410, 43.1910, -6.3210

Conversions

Conversions Part 2

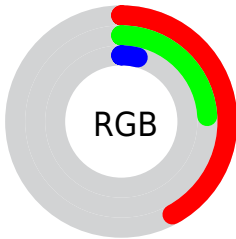
Format	Color
RYB	95, 106, 10
Decimal	6962442
CIELab	30.46, 15.80, 36.56
CIElCh	30, 39.831, 66.633
Yxy	6.4236, 0.5040, 0.4222
Android (android.graphics.Color)	4285152522 (0xFF6A3D0A)
YUV	68.6410, -28.9100, 32.7638
Hunter-Lab	25.3448, 9.6471, 15.1145

Details

The Hex color **6A3D0A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A376A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A26D3A**, and **351200** is the 20% darker color. If you saturate the color by 10%, you get **6A3800**, and if you desaturate by 10%, it is **6A4215**.

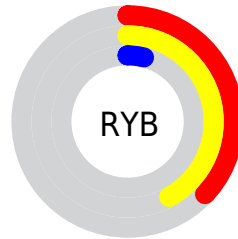
Distribution



Red (42%)

Green (24%)

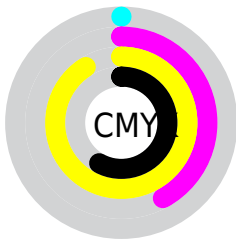
Blue (4%)



Red (37%)

Yellow (42%)

Blue (4%)

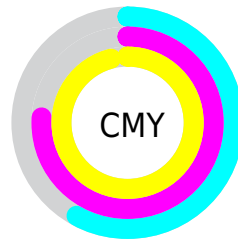


Cyan (0%)

Magenta (42%)

Yellow (91%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3D0A 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 6A3D0A by changing the saturation by 10% instead.

 6A3D0A

 6A3D0A

 FFFFF2

 502700

 A26D3A

 351200

 BE8652

 1E0000

 DBA06A

 000000

 F9BB84

 FFD79F

 FFF3BA

 FFFFD6

 6A3D0A

 6A3D0A

■ 6A3800

■ 6A4215

■ 6A471F

■ 6A4C2A

■ 6A5134

■ 6A563F

■ 6A5B4A

■ 6A6054

■ 6A655F

■ 6A6A69

Harmonies

Analogous

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



7B3024



6A3D0A



514800

Triad

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



6A3D0A



00564E



513C7A

Complementary

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



6A3D0A



0A376A

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.



004986



6A3D0A



00556C

Square

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



6A3D0A



00542E



005181



722E61

Rectangle

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



6A3D0A



3C4E07



005181



404180

Sweetspot

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



6A3D0A



8A7865



6A0A38



453B2F



C4C4C4



454545

Same Dimension

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



6A3D0A



8A4900



686A0A



363330



753E00



F58200

Inverse Universe

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



0A376A



00418A



0C0A6A



303336



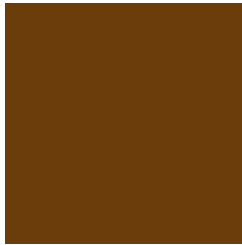
003775



0073F5

Previews

White Background



This preview shows how the Hex color 6A3D0A looks on a white background.

Color Contrast Check

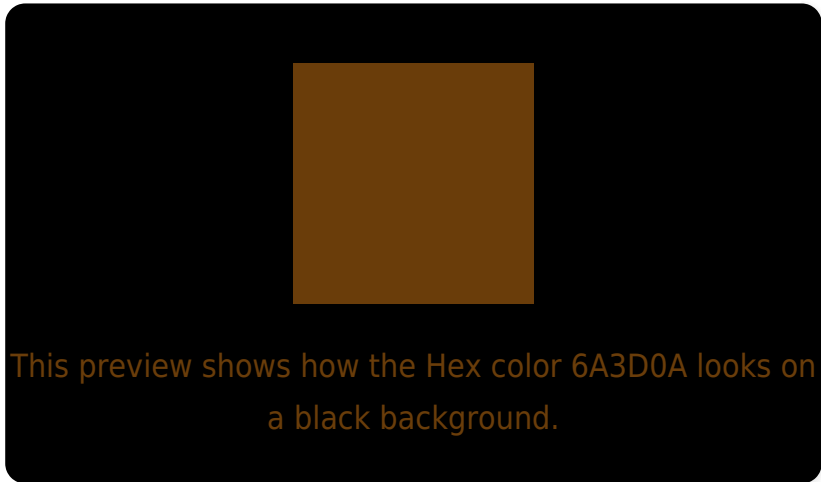
Large Text (above 18pt) WCAG AA ✓ Pass

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

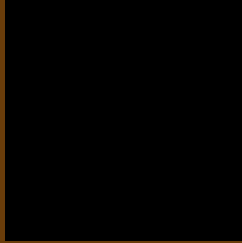
Any Text WCAG AA × Fail

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 6A3D0A Background



This preview shows how black text looks on a background with the Hex color 6A3D0A.



This preview shows how white text looks on a background with the Hex color 6A3D0A.

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
6A3D0A

Protanopia
51490D

Deuteranopia
5B4500



Tritanopia
6C393D

Trichromacy



Original Color
6A3D0A

Protanomaly
5A450C

Deuteranomaly
604204

Tritanomaly
6B3A2A

Monochromacy



Original Color
6A3D0A

Achromatopsia
454545

Achromatomaly
524230

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3D0A 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 #6A3D0A looks like.

```
.text, #text, p{  
    color:#6A3D0A  
}
```

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 #6A3D0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3D0A
}
```

Border

The CSS property to change the border of an element to Hex 6A3D0A 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".

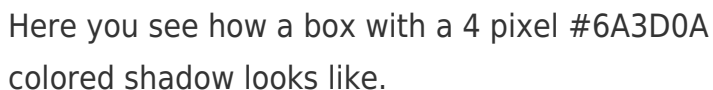
```
.border, #border, table{ border:4px solid
#6A3D0A }
```

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

```
.border{ border-color:#6A3D0A }
```

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

Here you see how a box with a 4 pixel #6A3D0A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3D0A; -webkit-box-shadow:4px 4px  
4px 4px #6A3D0A; box-shadow:4px 4px 4px  
4px #6A3D0A }
```

Background

The CSS property to change the background color of an element to Hex 6A3D0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3D0A }
```

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

```
.background{ background-color:#6A3D0A }
```

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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