

Converting Colors

Hex(6A3D00)

Have a look what the booklet for
Hex(6A3D00) contains.

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Color

Hex(6A3D00)

Conversions

Conversions Part 1

Format	Color
Hex	6A3D00
RGB	106, 61, 0
RGB Percent	42%, 24%, 0%
CMY	0.5843, 0.7608, 1.0000
CMYK	0.00, 0.42, 1.00, 0.58
HSL	35°, 100%, 21%
HSV	35°, 100%, 42%
XYZ	7.6126, 6.4017, 0.8344
YIQ	67.5010, 46.4010, -9.4310

Conversions

Conversions Part 2

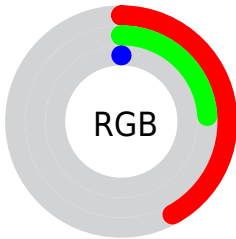
Format	Color
R_{YB}	78, 106, 0
Decimal	6962432
CIE Lab	30.40, 15.51, 40.49
CIE LCh	30, 43.355, 69.039
Yxy	6.4017, 0.5127, 0.4311
Android (android.graphics.Color)	4285152512 (0xFF6A3D00)
YUV	67.5010, -33.2780, 33.7636
Hunter-Lab	25.3015, 9.4287, 15.7557

Details

The Hex color **6A3D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002D6A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **A26D32**, and **351200** is the 20% darker color. If you saturate the color by 10%, you get **6A3D00**, and if you desaturate by 10%, it is **6A420B**.

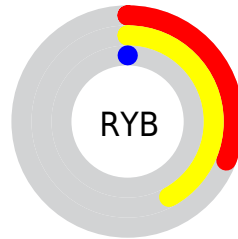
Distribution



Red (42%)

Green (24%)

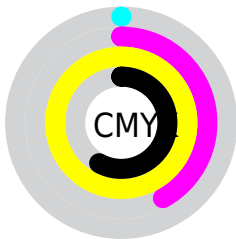
Blue (0%)



Red (31%)

Yellow (42%)

Blue (0%)

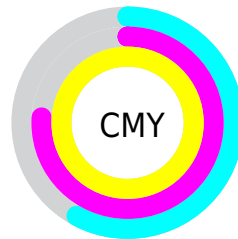


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3D00 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 6A3D00 by changing the saturation by 10% instead.

 6A3D00

 6A3D00

 FFFFEA

 4F2700

 A26D32

 351200

 BF864A

 1E0000

 DCA063

 000000

 FAB7C

 FFD797

 FFF3B2

 FFFFCE

 6A3D00

 6A420B

 6A4615

 6A4B20

 6A4F2A

 6A5435

 6A5840

 6A5D4A

 6A6155

 6A665F

Harmonies

Analogous

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



7D2E1F



6A3D00



4E4900

Triad

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



6A3D00



005751



553A7C

Complementary

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



6A3D00



002D6A

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.



00488B



6A3D00



005671

Square

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



6A3D00



00552E



005287



772960

Rectangle

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



6A3D00



374F00



005287



433F83

Sweetspot

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



6A3D00



8A7860



6A002E



453A2C



C4C4C4



454545

Same Dimension

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



6A3D00



8A4F00



636A00



363330



754400



F58D00

Inverse Universe

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



002D6A



003A8A



07006A



303236



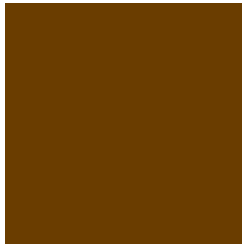
003275



0068F5

Previews

White Background



This preview shows how the Hex color 6A3D00 looks on a white background.

Color Contrast Check

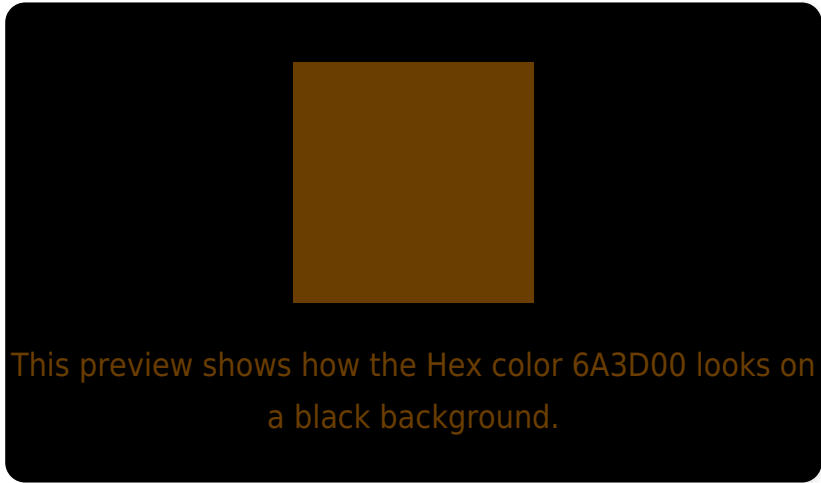
Large Text (above 18pt) WCAG AA ✓ Pass

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

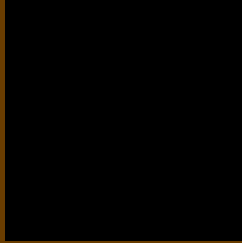
Any Text WCAG AA × Fail

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 6A3D00 Background



This preview shows how black text looks on a background with the Hex color 6A3D00.



This preview shows how white text looks on a background with the Hex color 6A3D00.

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
6A3D00

Protanopia
524908

Deuteranopia
5B4500



Tritanopia
6C393D

Trichromacy



Original Color
6A3D00

Protanomaly
5B4505

Deuteranomaly
604200

Tritanomaly
6B3A27

Monochromacy



Original Color
6A3D00

Achromatopsia
444444

Achromatomaly
52412B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3D00 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 #6A3D00 looks like.

```
.text, #text, p{  
    color:#6A3D00  
}
```

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 #6A3D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3D00
}
```

Border

The CSS property to change the border of an element to Hex 6A3D00 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
#6A3D00 }
```

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

```
.border{ border-color:#6A3D00 }
```

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

Here you see how a box with a 4 pixel #6A3D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3D00; -webkit-box-shadow:4px 4px  
4px 4px #6A3D00; box-shadow:4px 4px 4px  
4px #6A3D00 }
```

Background

The CSS property to change the background color of an element to Hex 6A3D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3D00 }
```

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

```
.background{ background-color:#6A3D00 }
```

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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