

Converting Colors

Hex(6A3B00)

Have a look what the booklet for
Hex(6A3B00) contains.

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Color

Hex(6A3B00)

Conversions

Conversions Part 1

Format	Color
Hex	6A3B00
RGB	106, 59, 0
RGB Percent	42%, 23%, 0%
CMY	0.5843, 0.7686, 1.0000
CMYK	0.00, 0.44, 1.00, 0.58
HSL	33°, 100%, 21%
HSV	33°, 100%, 42%
XYZ	7.5078, 6.1921, 0.7995
YIQ	66.3270, 46.9510, -8.3850

Conversions

Conversions Part 2

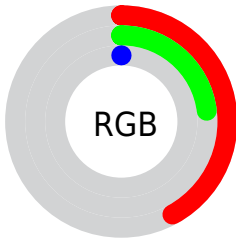
Format	Color
R_{YB}	84, 106, 0
Decimal	6961920
CIE _{Lab}	29.89, 16.72, 40.10
CIE _{LCh}	30, 43.450, 67.364
Yxy	6.1921, 0.5178, 0.4271
Android (android.graphics.Color)	4285152000 (0xFF6A3B00)
YUV	66.3270, -32.6992, 34.7932
Hunter-Lab	24.8839, 10.3090, 15.5138

Details

The Hex color **6A3B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002F6A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A26B31**, and **351000** is the 20% darker color. If you saturate the color by 10%, you get **6A3B00**, and if you desaturate by 10%, it is **6A400B**.

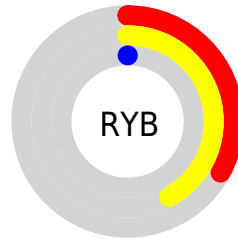
Distribution



Red (42%)

Green (23%)

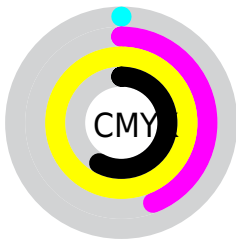
Blue (0%)



Red (33%)

Yellow (42%)

Blue (0%)

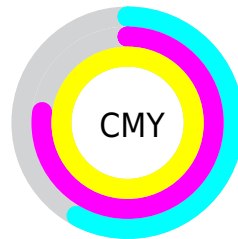


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3B00 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 6A3B00 by changing the saturation by 10% instead.

 6A3B00

 6A3B00

 FFFFE9

 4F2500

 A26B31

 351000

 BF844A

 1E0001

 DC9E62

 000000

 FAB97C

 FFD596

 FFF1B1

 FFFFCD

 6A3B00

 6A400B

 6A4415

 6A4920

 6A4E2A

 6A5335

 6A5740

 6A5C4A

 6A6155

 6A655F

Harmonies

Analogous

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



7D2B1F



6A3B00



4E4800

Triad

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



6A3B00



00564E



51397D

Complementary

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



6A3B00



002F6A

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.



00488A



6A3B00



00556F

Square

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



6A3B00



00542B



005185



752961

Rectangle

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



6A3B00



384D00



005185



3E3F83

Sweetspot

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



6A3B00



8A7760



6A0030



453A2C



C4C4C4



454545

Same Dimension

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



6A3B00



8A4D00



656A00



363330



754100



F58800

Inverse Universe

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



002F6A



003D8A



05006A



303336



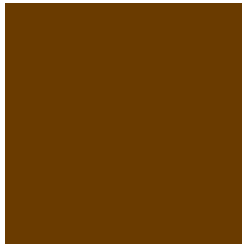
003475



006DF5

Previews

White Background



This preview shows how the Hex color 6A3B00 looks on a white background.

Color Contrast Check

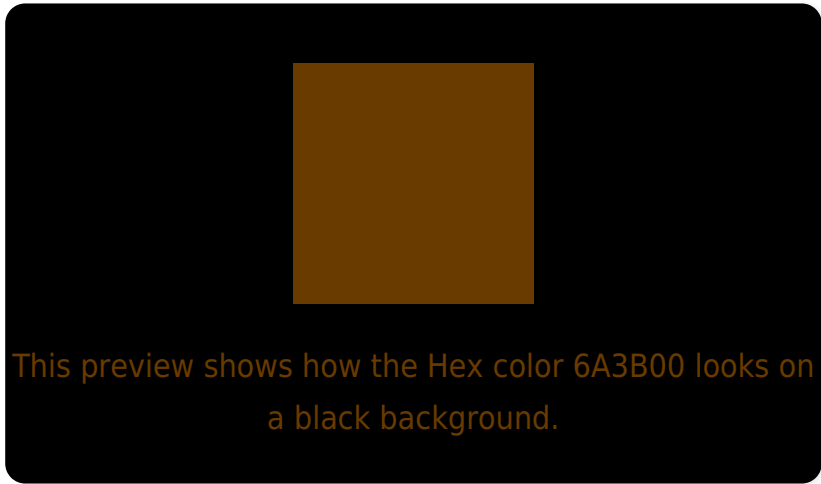
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A3B00 Background



This preview shows how black text looks on a background with the Hex color 6A3B00.



This preview shows how white text looks on a background with the Hex color 6A3B00.

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
6A3B00

Protanopia
504709

Deuteranopia
5A4400



Tritanopia
6C373B

Trichromacy



Original Color
6A3B00

Protanomaly
594306

Deuteranomaly
604100

Tritanomaly
6B3826

Monochromacy



Original Color
6A3B00

Achromatopsia
424242

Achromatomaly
513F2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3B00 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 #6A3B00 looks like.

```
.text, #text, p{  
    color:#6A3B00  
}
```

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 #6A3B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3B00
}
```

Border

The CSS property to change the border of an element to Hex 6A3B00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

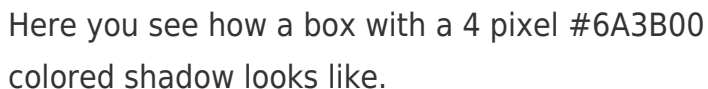
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3B00 }
```

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

```
.border{ border-color:#6A3B00 }
```

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



Here you see how a box with a 4 pixel #6A3B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3B00; -webkit-box-shadow:4px 4px  
4px 4px #6A3B00; box-shadow:4px 4px 4px  
4px #6A3B00 }
```

Background

The CSS property to change the background color of an element to Hex 6A3B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3B00 }
```

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

```
.background{ background-color:#6A3B00 }
```

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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