

Converting Colors

Hex(6A3909)

Have a look what the booklet for
Hex(6A3909) contains.

| | |
|--|----|
| Hex(6A3909) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(6A3909)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6A3909 |
| RGB | 106, 57, 9 |
| RGB Percent | 42%, 22%, 4% |
| CMY | 0.5843, 0.7765, 0.9647 |
| CMYK | 0.00, 0.46, 0.92, 0.58 |
| HSL | 30°, 84%, 23% |
| HSV | 30°, 92%, 42% |
| XYZ | 7.4563, 6.0101, 1.0255 |
| YIQ | 66.1790, 44.6120, -4.5400 |

Conversions

Conversions Part 2

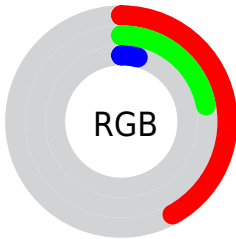
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 106, 104, 9 |
| Decimal | 6961417 |
| CIE _{Lab} | 29.44, 18.19, 36.10 |
| CIE _{LCh} | 29, 40.427, 63.263 |
| Yxy | 6.0101, 0.5145, 0.4147 |
| Android (android.graphics.Color) | 4285151497 (0xFF6A3909) |
| YUV | 66.1790, -28.1892, 34.9230 |
| Hunter-Lab | 24.5156, 11.3875, 14.6807 |

Details

The Hex color **6A3909** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **093A6A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A26938**, and **350E00** is the 20% darker color. If you saturate the color by 10%, you get **6A3400**, and if you desaturate by 10%, it is **6A3E14**.

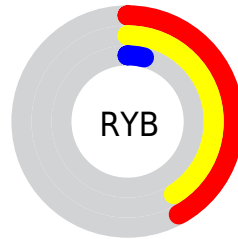
Distribution



Red (42%)

Green (22%)

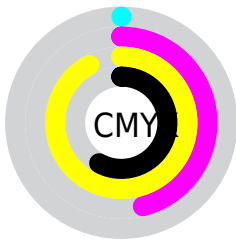
Blue (4%)



Red (42%)

Yellow (41%)

Blue (4%)

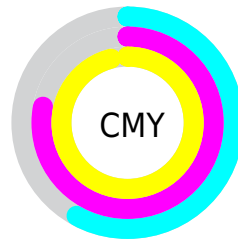


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A3909 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 6A3909 by changing the saturation by 10% instead.

 6A3909

 6A3909

 FFFFF0

 502300

 A26938

 350E00

 BF8250

 1D0001

 DC9C69

 000000

 FAB782

 FFD39D

 FFEFB8

 FFFFD4

 6A3909

 6A3909

■ 6A3400

■ 6A3E14

■ 6A441E

■ 6A4929

■ 6A4E33

■ 6A543E

■ 6A5949

■ 6A5E53

■ 6A645E

■ 6A6968

Harmonies

Analogous

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



7A2B25



6A3909



514500

Triad

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



6A3909



005448



493B7A

Complementary

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



6A3909



093A6A

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.



004884



6A3909



005367

Square

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



6A3909



005228



00507D



6D2D62

Rectangle

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



6A3909



3D4B01



00507D



36407F

Sweetspot

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



6A3909



8A7765



6A093B



453A2F



C4C4C4



454545

Same Dimension

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



6A3909



8A4400



6A6809



363330



753A00



F57900

Inverse Universe

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



093A6A



00468A



090B6A



303336



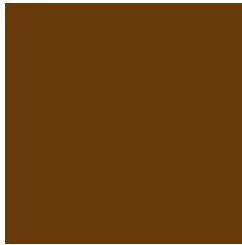
003B75



007CF5

Previews

White Background



This preview shows how the Hex color 6A3909 looks on a white background.

Color Contrast Check

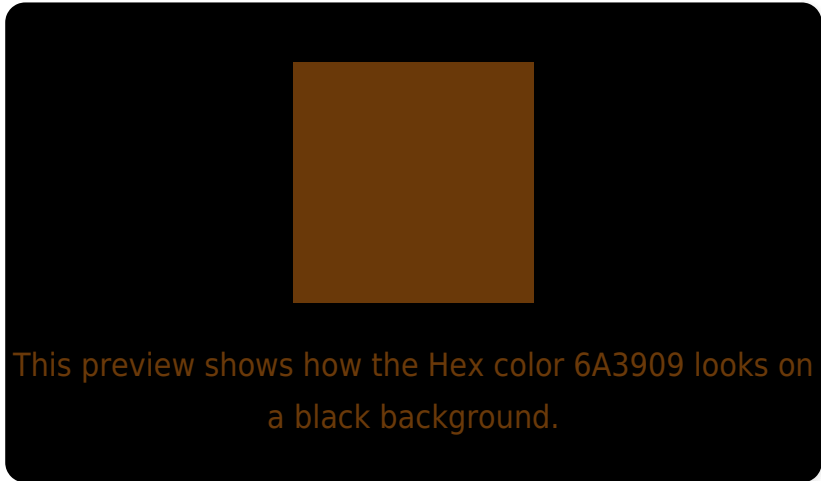
Large Text (above 18pt) WCAG AA ✓ Pass

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

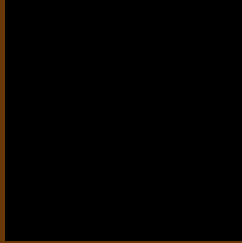
Any Text WCAG AA × Fail

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 6A3909 Background



This preview shows how black text looks on a background with the Hex color 6A3909.



This preview shows how white text looks on a background with the Hex color 6A3909.

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
6A3909

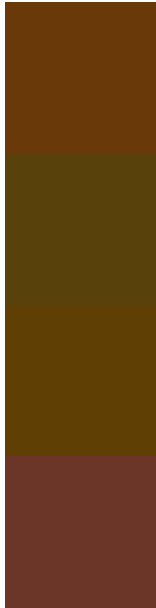
Protanopia
4F460D

Deuteranopia
594200



Tritanopia
6C3539

Trichromacy



Original Color
6A3909

Protanomaly
59410C

Deuteranomaly
5F3F03

Tritanomaly
6B3628

Monochromacy



Original Color
6A3909

Achromatopsia
424242

Achromatomaly
513F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A3909 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 #6A3909 looks like.

```
.text, #text, p{  
    color:#6A3909  
}
```

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 #6A3909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A3909
}
```

Border

The CSS property to change the border of an element to Hex 6A3909 is called "border". The border property can be set on classes, ids or directly on the HTML element.

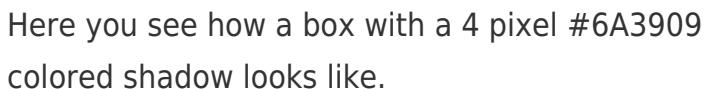
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A3909 }
```

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

```
.border{ border-color:#6A3909 }
```

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



Here you see how a box with a 4 pixel #6A3909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A3909; -webkit-box-shadow:4px 4px  
4px 4px #6A3909; box-shadow:4px 4px 4px  
4px #6A3909 }
```

Background

The CSS property to change the background color of an element to Hex 6A3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A3909 }
```

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

```
.background{ background-color:#6A3909 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor