

Converting Colors

Hex(633A14)

Have a look what the booklet for
Hex(633A14) contains.

Hex(633A14)	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(633A14)

Conversions

Conversions Part 1

Format	Color
Hex	633A14
RGB	99, 58, 20
RGB Percent	39%, 23%, 8%
CMY	0.6118, 0.7725, 0.9216
CMYK	0.00, 0.41, 0.80, 0.61
HSL	29°, 66%, 23%
HSV	29°, 80%, 39%
XYZ	6.7849, 5.7293, 1.4101
YIQ	65.9270, 36.6340, -3.1260

Conversions

Conversions Part 2

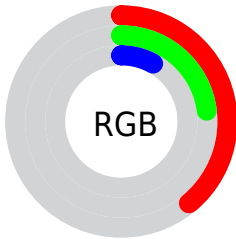
Format	Color
RYB	99, 93, 20
Decimal	6502932
CIELab	28.72, 14.66, 30.13
CIElCh	29, 33.512, 64.057
Yxy	5.7293, 0.4873, 0.4115
Android (android.graphics.Color)	4284693012 (0xFF633A14)
YUV	65.9270, -22.6420, 29.0050
Hunter-Lab	23.9359, 8.7101, 13.2623

Details

The Hex color **633A14** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **143D63**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **996941**, and **301000** is the 20% darker color. If you saturate the color by 10%, you get **63350A**, and if you desaturate by 10%, it is **633F1E**.

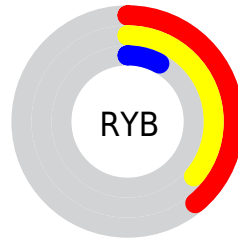
Distribution



Red (39%)

Green (23%)

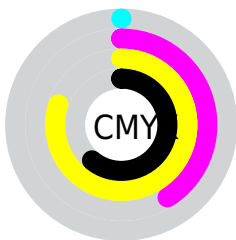
Blue (8%)



Red (39%)

Yellow (36%)

Blue (8%)

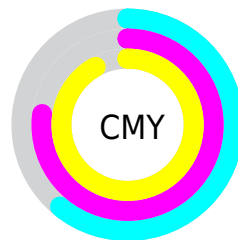


Cyan (0%)

Magenta (41%)

Yellow (80%)

Black (61%)



Cyan (61%)

Magenta (77%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 633A14 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 633A14 by changing the saturation by 10% instead.

 633A14

 633A14

 FFFFFA

 492400

 996941

 301000

 B58359

 140000

 D29D72

 000000

 EFB88C

 FFD3A6

 FFF0C2

 FFFFDE

 633A14

 633A14

■ 63350A

■ 633F1E

■ 633000

■ 634428

■ 634932

■ 634F3C

■ 635446

■ 63594F

■ 635E59

■ 636363

■ 63686D

Harmonies

Analogous

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



703028



633A14



4E440B

Triad

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



633A14



005047



493B6F

Complementary

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



633A14



143D63

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.



0B4577



633A14



005060

Square

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



633A14



054E2C



004C72



66315B

Rectangle

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



633A14



3D4910



004C72



3B3F73

Sweetspot

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



633A14



807061



63143E



40362D



BFBFBF



404040

Same Dimension

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



633A14



804005



636014



302E2C



703600



F07300

Inverse Universe

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



143D63



054580



141763



2C2E30



003A70



007CF0

Previews

White Background



This preview shows how the Hex color 633A14 looks on a white background.

Color Contrast Check

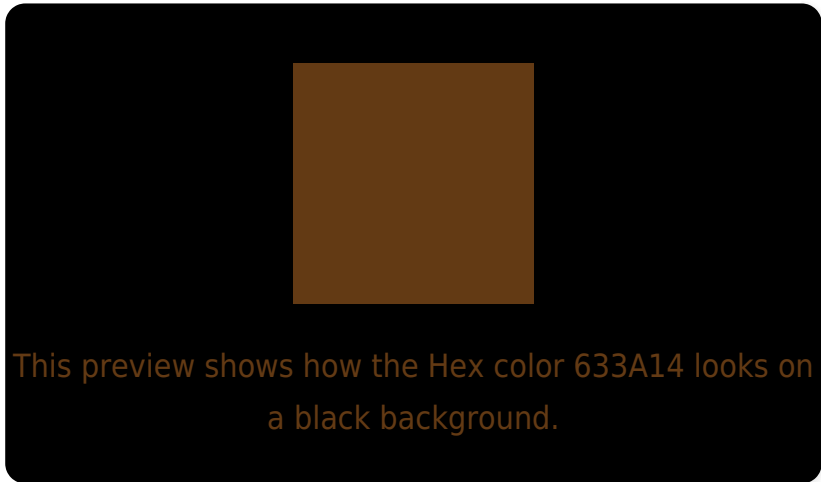
Large Text (above 18pt) WCAG AA ✓ Pass

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

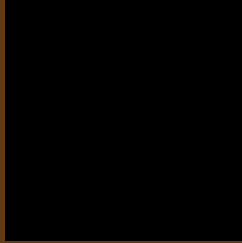
Any Text WCAG AA × Fail

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 633A14 Background



This preview shows how black text looks on a background with the Hex color 633A14.



This preview shows how white text looks on a background with the Hex color 633A14.

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
633A14

Protanopia
4C4417

Deuteranopia
564111



Tritanopia
65363A

Trichromacy



Original Color
633A14

Protanomaly
544016

Deuteranomaly
5B3E12

Tritanomaly
64372C

Monochromacy



Original Color
633A14

Achromatopsia
424242

Achromatomaly
4E3F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 633A14 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 #633A14 looks like.

```
.text, #text, p{  
    color:#633A14  
}
```

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 #633A14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633A14
}
```

Border

The CSS property to change the border of an element to Hex 633A14 is called "border". The border property can be set on classes, ids or directly on the HTML element.

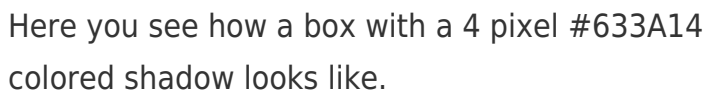
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633A14 }
```

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

```
.border{ border-color:#633A14 }
```

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



Here you see how a box with a 4 pixel #633A14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633A14; -webkit-box-shadow:4px 4px  
4px 4px #633A14; box-shadow:4px 4px 4px  
4px #633A14 }
```

Background

The CSS property to change the background color of an element to Hex 633A14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633A14 }
```

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

```
.background{ background-color:#633A14 }
```

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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