

Converting Colors

Hex(634A05)

Have a look what the booklet for
Hex(634A05) contains.

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Color

Hex(634A05)

Conversions

Conversions Part 1

Format	Color
Hex	634A05
RGB	99, 74, 5
RGB Percent	39%, 29%, 2%
CMY	0.6118, 0.7098, 0.9804
CMYK	0.00, 0.25, 0.95, 0.61
HSL	44°, 90%, 20%
HSV	44°, 95%, 39%
XYZ	7.6218, 7.5612, 1.2013
YIQ	73.6090, 37.0490, -16.1590

Conversions

Conversions Part 2

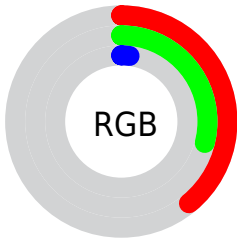
Format	Color
R_{YB}	39, 99, 5
Decimal	6507013
CIE _{Lab}	33.05, 4.18, 40.05
CIE _{LCh}	33, 40.266, 84.036
Yxy	7.5612, 0.4652, 0.4615
Android (android.graphics.Color)	4284697093 (0xFF634A05)
YUV	73.6090, -33.8242, 22.2679
Hunter-Lab	27.4976, 1.3558, 16.6580

Details

The Hex color **634A05** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **051E63**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **997A38**, and **301F00** is the 20% darker color. If you saturate the color by 10%, you get **634900**, and if you desaturate by 10%, it is **634D0F**.

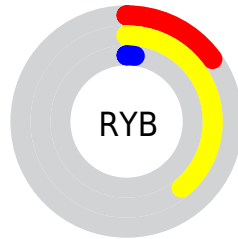
Distribution



Red (39%)

Green (29%)

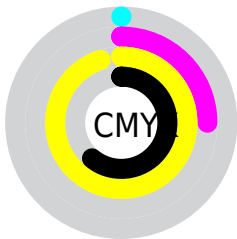
Blue (2%)



Red (15%)

Yellow (39%)

Blue (2%)

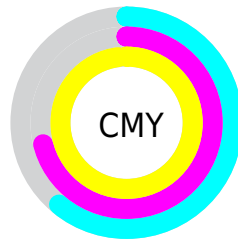


Cyan (0%)

Magenta (25%)

Yellow (95%)

Black (61%)



Cyan (61%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 634A05 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 634A05 by changing the saturation by 10% instead.

 634A05

 634A05

 FFFFF2

 4A3400

 997A38

 301F00

 B59450

 170700

 D2AF6A

 000000

 EFCA83

 FFE69E

 FFFFB9

 FFFF D5

 634A05

 634A05

■ 634900

■ 634D0F

■ 634F19

■ 635223

■ 63552D

■ 635737

■ 635A40

■ 635C4A

■ 635F54

■ 63625E

Harmonies

Analogous

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



7A3D1A



634A05



45540B

Triad

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



634A05



005D67



6E3A74

Complementary

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



634A05



051E63

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.



424888



634A05



005A81

Square

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



634A05



005C46



00538D



832F55

Rectangle

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



634A05



2B581D



00538D



623F7C

Sweetspot

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



634A05



80765C



63051E



403A2A



BFBFBF



404040

Same Dimension

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



634A05



805E00



4D6305



302F2C



705200



F0B000

Inverse Universe

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



051E63



002280



1B0563



2C2D30



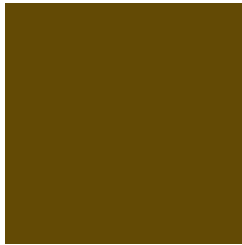
001E70



0040F0

Previews

White Background



This preview shows how the Hex color 634A05 looks on a white background.

Color Contrast Check

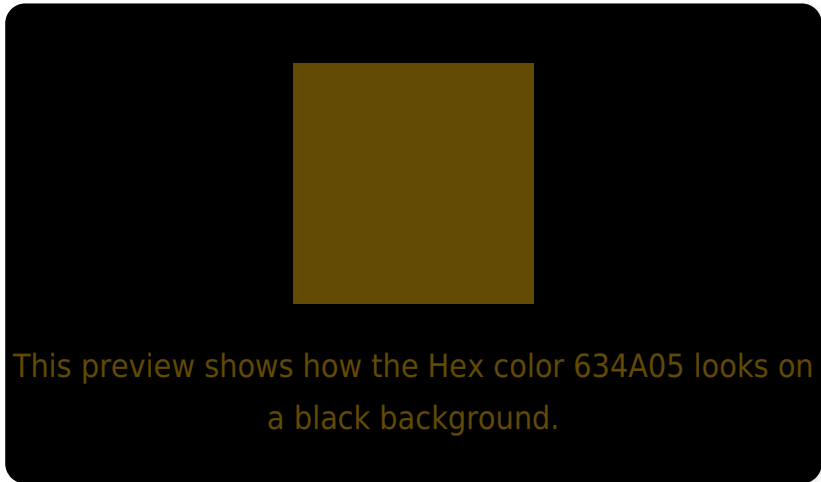
Large Text (above 18pt) WCAG AA ✓ Pass

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

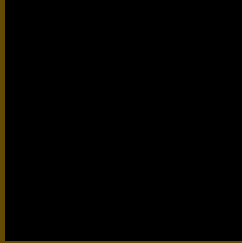
Any Text WCAG AA × Fail

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 634A05 Background



This preview shows how black text looks on a background with the Hex color 634A05.



This preview shows how white text looks on a background with the Hex color 634A05.

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
634A05

Protanopia
584E07

Deuteranopia
634A05



Tritanopia
67454A

Trichromacy



Original Color
634A05

Protanomaly
5C4D06

Deuteranomaly
634A05

Tritanomaly
664731

Monochromacy



Original Color
634A05

Achromatopsia
4A4A4A

Achromatomaly
534A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 634A05 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 #634A05 looks like.

```
.text, #text, p{  
    color:#634A05  
}
```

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 #634A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634A05
}
```

Border

The CSS property to change the border of an element to Hex 634A05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

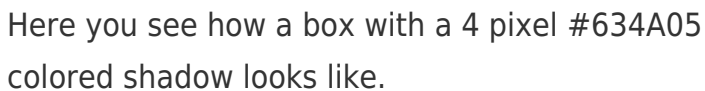
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634A05 }
```

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

```
.border{ border-color:#634A05 }
```

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



Here you see how a box with a 4 pixel #634A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634A05; -webkit-box-shadow:4px 4px  
4px 4px #634A05; box-shadow:4px 4px 4px  
4px #634A05 }
```

Background

The CSS property to change the background color of an element to Hex 634A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634A05 }
```

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

```
.background{ background-color:#634A05 }
```

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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