

# Converting Colors

Hex(637A04)

Have a look what the booklet for  
Hex(637A04) contains.

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**Color**

**Hex(637A04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	637A04
RGB	99, 122, 4
RGB Percent	39%, 48%, 2%
CMY	0.6118, 0.5216, 0.9843
CMYK	0.19, 0.00, 0.97, 0.52
HSL	72°, 94%, 25%
HSV	72°, 97%, 48%
XYZ	12.1270, 16.5805, 2.6761
YIQ	101.6710, 24.1700, -41.5740

# Conversions

## Conversions Part 2

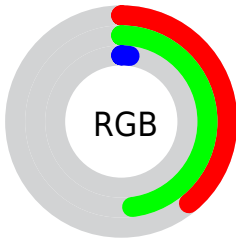
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 122, 27
Decimal	6519300
CIELab	47.73, -22.97, 51.73
CIElCh	48, 56.596, 113.946
Yxy	16.5805, 0.3864, 0.5283
Android (android.graphics.Color)	4284709380 (0xFF637A04)
YUV	101.6710, -48.1518, -2.3425
Hunter-Lab	40.7191, -18.0973, 24.6069

# Details

The Hex color **637A04** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B047A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **99AE42**, and **304900** is the 20% darker color. If you saturate the color by 10%, you get **627A00**, and if you desaturate by 10%, it is **657A10**.

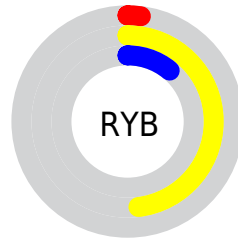
# Distribution



Red (39%)

Green (48%)

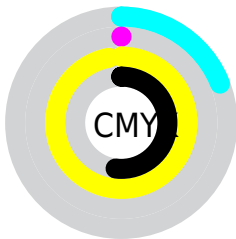
Blue (2%)



Red (2%)

Yellow (48%)

Blue (11%)

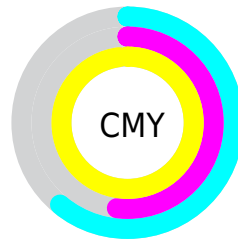


Cyan (19%)

Magenta (0%)

Yellow (97%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637A04 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 637A04 by changing the saturation by 10% instead.





637A04



637A04

FFFFFF



496100



99AE42



304900



B5CA5C



153300



D2E676



001F00



FFFF91



000000



FFFFAD



FFFFC9



FFFFE5



637A04



637A04

■ 627A00

■ 657A10

■ 687A1C

■ 6A7A29

■ 6D7A35

■ 6F7A41

■ 717A4D

■ 747A59

■ 767A66

■ 787A72

# Harmonies

## Analogous

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



906C00



637A04



1A8335

# Triad

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



637A04



0083BE



C1417D

# Complementary

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



637A04



1B047A

# 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.



A152AA



637A04



007AD1

# Square

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



637A04



008797



5D69C9



C5444E

# Rectangle

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



637A04



008655



5D69C9



BA458D



# Sweetspot

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



637A04



959E70



7A1A04



4A4F33



CFCFCF



4F4F4F



# Same Dimension

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



637A04



7F9E00



297A04



3C3D37



657D00



CBFC00



# Inverse Universe

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



1B047A



1F009E



55047A



38373D



18007D



3100FC



# Previews

## White Background



This preview shows how the Hex color 637A04 looks on a white background.

## Color Contrast Check

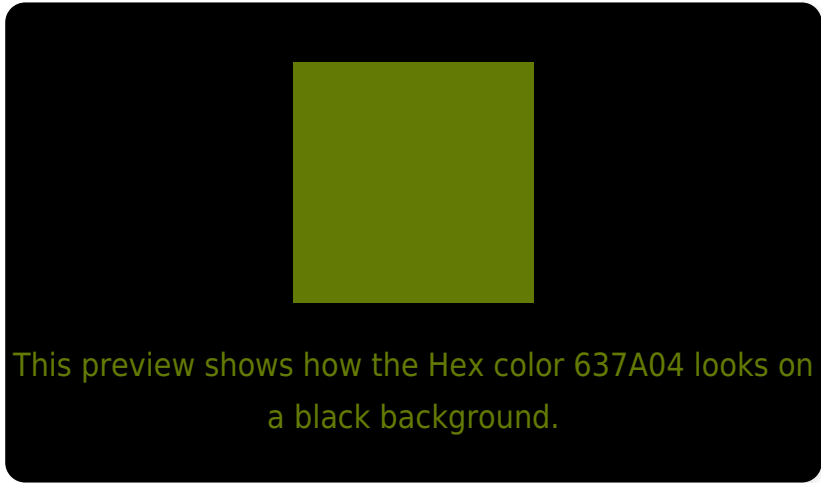
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 637A04 Background



This preview shows how black text looks on a background with the Hex color 637A04.



This preview shows how white text looks on a background with the Hex color 637A04.

# 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**  
637A04

**Protanopia**  
807100

**Deuteranopia**  
8F6B16



**Tritanopia**  
6D717A

# Trichromacy



**Original Color**  
637A04

**Protanomaly**  
757401

**Deuteranomaly**  
7F700F

**Tritanomaly**  
69744F

# Monochromacy



**Original Color**  
637A04

**Achromatopsia**  
666666

**Achromatomaly**  
656D42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637A04 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 #637A04 looks like.

```
.text, #text, p{  
    color:#637A04  
}
```

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 #637A04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637A04
}
```

## Border

The CSS property to change the border of an element to Hex 637A04 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
#637A04 }
```

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

```
.border{ border-color:#637A04 }
```

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

Here you see how a box with a 4 pixel #637A04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637A04; -webkit-box-shadow:4px 4px  
4px 4px #637A04; box-shadow:4px 4px 4px  
4px #637A04 }
```

# Background

The CSS property to change the background color of an element to Hex 637A04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637A04 }
```

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

```
.background{ background-color:#637A04 }
```

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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