

# Converting Colors

Hex(637005)

Have a look what the booklet for  
Hex(637005) contains.

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**Color**

**Hex(637005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637005
RGB	99, 112, 5
RGB Percent	39%, 44%, 2%
CMY	0.6118, 0.5608, 0.9804
CMYK	0.12, 0.00, 0.96, 0.56
HSL	67°, 91%, 23%
HSV	67°, 96%, 44%
XYZ	10.9672, 14.2519, 2.3165
YIQ	95.9150, 26.5990, -36.0330

# Conversions

## Conversions Part 2

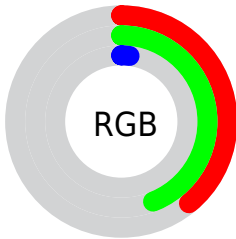
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 112, 18
Decimal	6516741
CIE <sub>Lab</sub>	44.59, -17.75, 49.05
CIE <sub>LCh</sub>	45, 52.165, 109.897
Yxy	14.2519, 0.3983, 0.5176
Android (android.graphics.Color)	4284706821 (0xFF637005)
YUV	95.9150, -44.8211, 2.7055
Hunter-Lab	37.7518, -14.2100, 22.7882

# Details

The Hex color **637005** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **120570**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **99A440**, and **304000** is the 20% darker color. If you saturate the color by 10%, you get **627000**, and if you desaturate by 10%, it is **647010**.

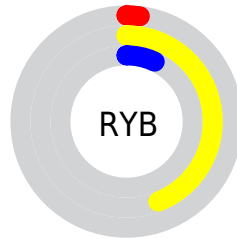
# Distribution



Red (39%)

Green (44%)

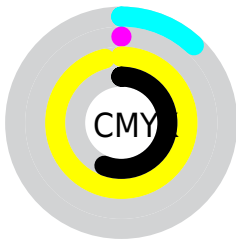
Blue (2%)



Red (2%)

Yellow (44%)

Blue (7%)

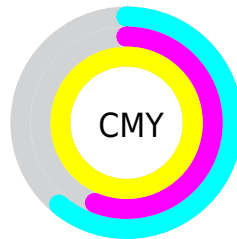


Cyan (12%)

Magenta (0%)

Yellow (96%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 637005 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 637005 by changing the saturation by 10% instead.



 637005

 637005

FFFFFF

 495800

 99A440

 304000

 B5BF5A

 172A00

 D1DA74

 001800

 EE78F

 000000

 FFFFAA

 FFFFC6

 FFFF2

 637005

 637005

■ 627000

■ 647010

■ 66701B

■ 677027

■ 687032

■ 6A703D

■ 6B7048

■ 6D7053

■ 6E705F

■ 6F706A

# Harmonies

## Analogous

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



8B6203



637005



2B792D

# Triad

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



637005



007BAB



B0407A

# Complementary

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



637005



120570

# 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.



8F50A2



637005



0073BF

# Square

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



637005



007E86



4B64BC



B7404F

# Rectangle

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



637005



007C4A



4B64BC



A84488



# Sweetspot

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



637005



8C9167



701105



474A30



C9C9C9



4A4A4A



# Same Dimension

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



637005



809100



2E7005



373832



697800



D9F700



# Inverse Universe

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



120570



120091



470570



333238



0F0078



1E00F7



# Previews

## White Background



This preview shows how the Hex color 637005 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 637005 Background



This preview shows how black text looks on a background with the Hex color 637005.



This preview shows how white text looks on a background with the Hex color 637005.

# 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**  
637005

**Protanopia**  
776A00

**Deuteranopia**  
856413



**Tritanopia**  
6B6870

# Trichromacy



**Original Color**  
637005

**Protanomaly**  
706C02

**Deuteranomaly**  
79680E

**Tritanomaly**  
686B49

# Monochromacy



**Original Color**  
637005

**Achromatopsia**  
606060

**Achromatomaly**  
61663F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 637005 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 #637005 looks like.

```
.text, #text, p{  
    color:#637005  
}
```

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 #637005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637005
}
```

## Border

The CSS property to change the border of an element to Hex 637005 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
#637005 }
```

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

```
.border{ border-color:#637005 }
```

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

Here you see how a box with a 4 pixel #637005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637005; -webkit-box-shadow:4px 4px  
4px 4px #637005; box-shadow:4px 4px 4px  
4px #637005 }
```

# Background

The CSS property to change the background color of an element to Hex 637005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637005 }
```

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

```
.background{ background-color:#637005 }
```

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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