

Converting Colors

Hex(637716)

Have a look what the booklet for
Hex(637716) contains.

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Color

Hex(637716)

Conversions

Conversions Part 1

Format	Color
Hex	637716
RGB	99, 119, 22
RGB Percent	39%, 47%, 9%
CMY	0.6118, 0.5333, 0.9137
CMYK	0.17, 0.00, 0.82, 0.53
HSL	72°, 69%, 28%
HSV	72°, 82%, 47%
XYZ	11.8872, 15.9042, 3.2024
YIQ	101.9620, 19.2170, -34.4070

Conversions

Conversions Part 2

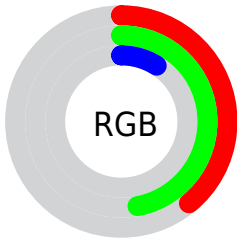
Format	Color
R_{YB}	22, 119, 42
Decimal	6518550
CIE Lab	46.85, -20.85, 46.62
CIE LCh	47, 51.076, 114.098
Yxy	15.9042, 0.3835, 0.5131
Android (android.graphics.Color)	4284708630 (0xFF637716)
YUV	101.9620, -39.4213, -2.5977
Hunter-Lab	39.8801, -16.5839, 23.1551

Details

The Hex color **637716** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A1677**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **99AB4B**, and **314700** is the 20% darker color. If you saturate the color by 10%, you get **61770A**, and if you desaturate by 10%, it is **657722**.

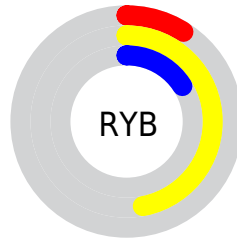
Distribution



Red (39%)

Green (47%)

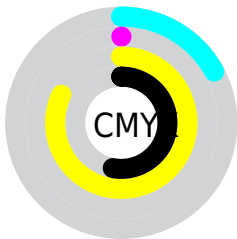
Blue (9%)



Red (9%)

Yellow (47%)

Blue (16%)

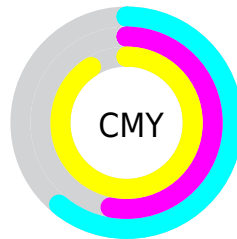


Cyan (17%)

Magenta (0%)

Yellow (82%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637716 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 637716 by changing the saturation by 10% instead.



637716



637716

FFFFFF



495E00



99AB4B



314700



B4C764



173000



D1E37F



001D00



EEFF99



000000



FFFFB5



FFFFD1



FFFFEE



637716



637716

■ 61770A

■ 657722

■ 5E7700

■ 68772E

■ 6A773A

■ 6D7746

■ 6F7752

■ 72775D

■ 747769

■ 777775

■ 797781

Harmonies

Analogous

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



8C6A0D



637716



287F3A

Triad

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



637716



0080B4



B74679

Complementary

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



637716



2A1677

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.



9B54A2



637716



0077C5

Square

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



637716



008391



5F67BE



BB494F

Rectangle

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



637716



008256



5F67BE



B14988

Sweetspot

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



637716



949C76



772916



4A4F38



CFCFCF



4F4F4F

Same Dimension

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



637716



7C9C03



337716



393B35



617A00



C6FA00

Inverse Universe

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



2A1677



23039C



5A1677



36353B



19007A



3400FA

Previews

White Background



This preview shows how the Hex color 637716 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 637716 Background



This preview shows how black text looks on a background with the Hex color 637716.



This preview shows how white text looks on a background with the Hex color 637716.

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
637716

Protanopia
7D6F14

Deuteranopia
8B691E



Tritanopia
6C6F78

Trichromacy



Original Color
637716

Protanomaly
747215

Deuteranomaly
7C6E1B

Tritanomaly
697254

Monochromacy



Original Color
637716

Achromatopsia
666666

Achromatomaly
656C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 637716 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 #637716 looks like.

```
.text, #text, p{  
    color:#637716  
}
```

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 #637716 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637716
}
```

Border

The CSS property to change the border of an element to Hex 637716 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
#637716 }
```

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

```
.border{ border-color:#637716 }
```

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

Here you see how a box with a 4 pixel #637716 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637716; -webkit-box-shadow:4px 4px  
4px 4px #637716; box-shadow:4px 4px 4px  
4px #637716 }
```

Background

The CSS property to change the background color of an element to Hex 637716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637716 }
```

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

```
.background{ background-color:#637716 }
```

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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