

Converting Colors

Hex(637412)

Have a look what the booklet for
Hex(637412) contains.

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Color

Hex(637412)

Conversions

Conversions Part 1

Format	Color
Hex	637412
RGB	99, 116, 18
RGB Percent	39%, 45%, 7%
CMY	0.6118, 0.5451, 0.9294
CMYK	0.15, 0.00, 0.84, 0.55
HSL	70°, 73%, 26%
HSV	70°, 84%, 45%
XYZ	11.5002, 15.1871, 2.8975
YIQ	99.7450, 21.3260, -34.0820

Conversions

Conversions Part 2

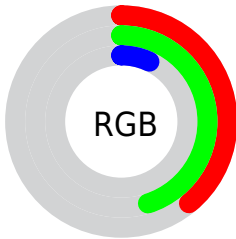
Format	Color
RYB	18, 116, 35
Decimal	6517778
CIELab	45.89, -19.46, 46.99
CIElCh	46, 50.866, 112.498
Yxy	15.1871, 0.3887, 0.5133
Android (android.graphics.Color)	4284707858 (0xFF637412)
YUV	99.7450, -40.3003, -0.6534
Hunter-Lab	38.9706, -15.5236, 22.8711

Details

The Hex color **637412** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **231274**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **99A848**, and **314400** is the 20% darker color. If you saturate the color by 10%, you get **617406**, and if you desaturate by 10%, it is **65741E**.

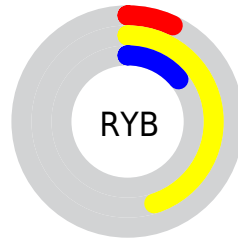
Distribution



Red (39%)

Green (45%)

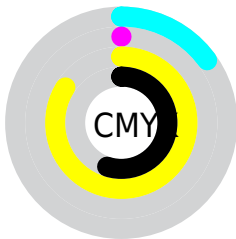
Blue (7%)



Red (7%)

Yellow (45%)

Blue (14%)

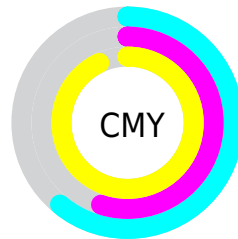


Cyan (15%)

Magenta (0%)

Yellow (84%)

Black (55%)



Cyan (61%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637412 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 637412 by changing the saturation by 10% instead.



637412



637412

FFFFFF



495B00



99A848



314400



B4C361



172E00



D1DF7B



001B00



EEFC96



000000



FFFFB2



FFFCE



FFFEEA



637412



637412

■ 617406

■ 65741E

■ 607400

■ 677429

■ 697435

■ 6B7440

■ 6D744C

■ 6F7458

■ 717463

■ 73746F

■ 75747A

Harmonies

Analogous

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



8B670B



637412



2A7C36

Triad

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



637412



007DB0



B44479

Complementary

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



637412



231274

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.



9653A1



637412



0075C1

Square

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



637412



00818C



5866BC



B9464F

Rectangle

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



637412



007F51



5866BC



AD4887

Sweetspot

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



637412



909671



742212



494D36



CCCCCC



4D4D4D

Same Dimension

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



637412



7C9600



337412



3A3B35



657A00



CFFA00

Inverse Universe

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



231274



1A0096



531274



36353B



15007A



2B00FA

Previews

White Background



This preview shows how the Hex color 637412 looks on a white background.

Color Contrast Check

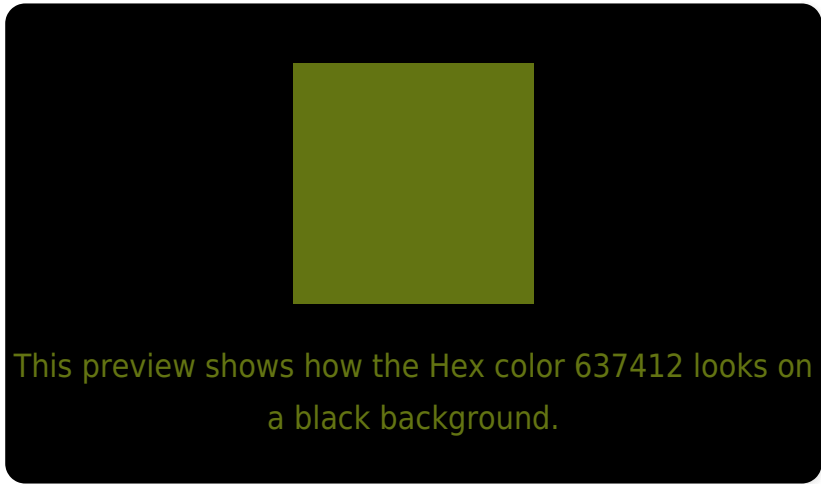
Large Text (above 18pt) WCAG AA ✓ Pass

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

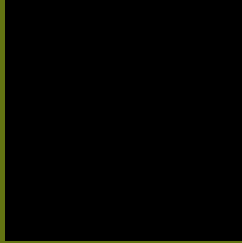
Any Text WCAG AA × Fail

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 637412 Background



This preview shows how black text looks on a background with the Hex color 637412.



This preview shows how white text looks on a background with the Hex color 637412.

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
637412

Protanopia
7A6D10

Deuteranopia
89671A



Tritanopia
6C6C74

Trichromacy



Original Color
637412

Protanomaly
727011

Deuteranomaly
7B6C17

Tritanomaly
696F50

Monochromacy



Original Color
637412

Achromatopsia
646464

Achromatomaly
646A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 637412 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 #637412 looks like.

```
.text, #text, p{  
    color:#637412  
}
```

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 #637412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637412
}
```

Border

The CSS property to change the border of an element to Hex 637412 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
#637412 }
```

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

```
.border{ border-color:#637412 }
```

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

Here you see how a box with a 4 pixel #637412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637412; -webkit-box-shadow:4px 4px  
4px 4px #637412; box-shadow:4px 4px 4px  
4px #637412 }
```

Background

The CSS property to change the background color of an element to Hex 637412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637412 }
```

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

```
.background{ background-color:#637412 }
```

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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