

Converting Colors

Hex(637F00)

Have a look what the booklet for
Hex(637F00) contains.

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Color

Hex(637F00)

Conversions

Conversions Part 1

Format	Color
Hex	637F00
RGB	99, 127, 0
RGB Percent	39%, 50%, 0%
CMY	0.6118, 0.5020, 1.0000
CMYK	0.22, 0.00, 1.00, 0.50
HSL	73°, 100%, 25%
HSV	73°, 100%, 50%
XYZ	12.7350, 17.8314, 2.7706
YIQ	104.1500, 24.0790, -45.4330

Conversions

Conversions Part 2

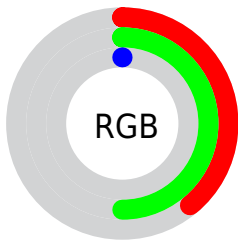
Format	Color
RYB	0, 127, 28
Decimal	6520576
CIELab	49.29, -25.57, 53.74
CIELCh	49, 59.519, 115.447
Yxy	17.8314, 0.3820, 0.5349
Android (android.graphics.Color)	4284710656 (0xFF637F00)
YUV	104.1500, -51.3459, -4.5165
Hunter-Lab	42.2272, -20.0653, 25.6689

Details

The Hex color **637F00** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **1C007F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **99B441**, and **2F4E00** is the 20% darker color. If you saturate the color by 10%, you get **637F00**, and if you desaturate by 10%, it is **667F0D**.

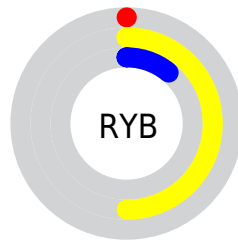
Distribution



Red (39%)

Green (50%)

Blue (0%)



Red (0%)

Yellow (50%)

Blue (11%)

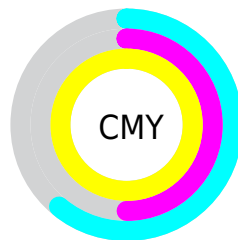


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (61%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637F00 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 637F00 by changing the saturation by 10% instead.

 637F00

 637F00

FFFFFF

 496600

 99B441

 2F4E00

 B5CF5B

 133700

 D2EC76

 002200

 EFFF91

 000000

 FFFFAD

 FFFFC9

 FFFF E5


 637F00

 667F0D

 697F19

 6B7F26

 6E7F33

 717F40

 747F4C

 777F59

 797F66

 7C7F72

Harmonies

Analogous

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



937000



637F00



078838

Triad

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



637F00



0088C8



CA417F

Complementary

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



637F00



1C007F

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.



AA53AF



637F00



007EDA

Square

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



637F00



008C9F



646BD1



CD464D

Rectangle

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



637F00



008B5A



646BD1



C34590

Sweetspot

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



637F00



9BA674



7F1C00



4D5436



D4D4D4



545454

Same Dimension

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



637F00



81A600



247F00



3E4039



638000



000000

Inverse Universe

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



1C007F



2500A6



5B007F



3B3940



1C0080



000000

Previews

White Background



This preview shows how the Hex color 637F00 looks on a white background.

Color Contrast Check

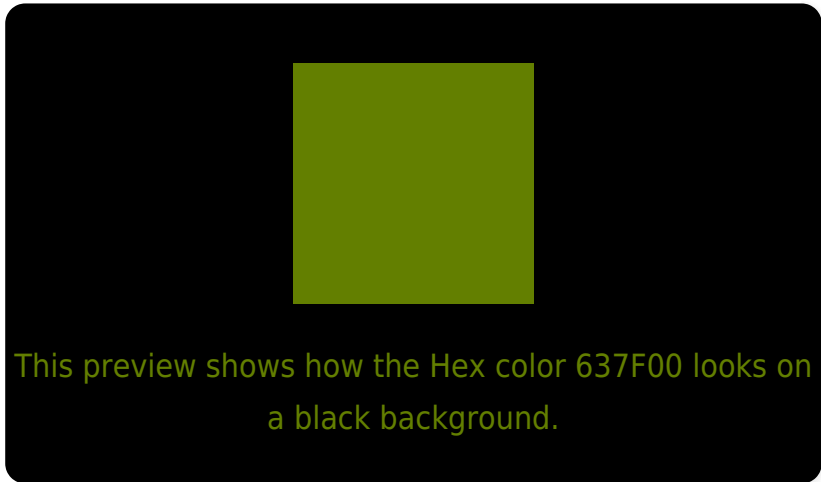
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 637F00 Background



This preview shows how black text looks on a background with the Hex color 637F00.



This preview shows how white text looks on a background with the Hex color 637F00.

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](#).

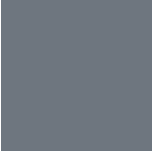
Dichromacy



Original Color
637F00

Protanopia
847500

Deuteranopia
936F17



Tritanopia
6E767F

Trichromacy



Original Color
637F00

Protanomaly
787900

Deuteranomaly
82750F

Tritanomaly
6A7951

Monochromacy



Original Color
637F00

Achromatopsia
686868

Achromatomaly
667042

CSS Examples

Text

The CSS property to change the color of the text to Hex 637F00 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 #637F00 looks like.

```
.text, #text, p{  
    color:#637F00  
}
```

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 #637F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637F00
}
```

Border

The CSS property to change the border of an element to Hex 637F00 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
#637F00 }
```

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

```
.border{ border-color:#637F00 }
```

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

Here you see how a box with a 4 pixel #637F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637F00; -webkit-box-shadow:4px 4px  
4px 4px #637F00; box-shadow:4px 4px 4px  
4px #637F00 }
```

Background

The CSS property to change the background color of an element to Hex 637F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637F00 }
```

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

```
.background{ background-color:#637F00 }
```

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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