

Converting Colors

Hex(637113)

Have a look what the booklet for
Hex(637113) contains.

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Color

Hex(637113)

Conversions

Conversions Part 1

Format	Color
Hex	637113
RGB	99, 113, 19
RGB Percent	39%, 44%, 7%
CMY	0.6118, 0.5569, 0.9255
CMYK	0.12, 0.00, 0.83, 0.56
HSL	69°, 71%, 26%
HSV	69°, 83%, 44%
XYZ	11.1683, 14.5099, 2.8282
YIQ	98.0980, 21.8300, -32.2020

Conversions

Conversions Part 2

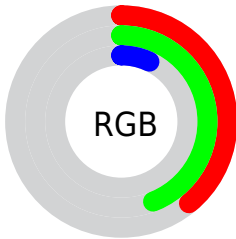
Format	Color
RYB	19, 113, 33
Decimal	6517011
CIELab	44.96, -17.84, 45.87
CIELCh	45, 49.213, 111.255
Yxy	14.5099, 0.3918, 0.5090
Android (android.graphics.Color)	4284707091 (0xFF637113)
YUV	98.0980, -38.9953, 0.7911
Hunter-Lab	38.0919, -14.3259, 22.2623

Details

The Hex color **637113** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **211371**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **98A548**, and **314100** is the 20% darker color. If you saturate the color by 10%, you get **617108**, and if you desaturate by 10%, it is **65711E**.

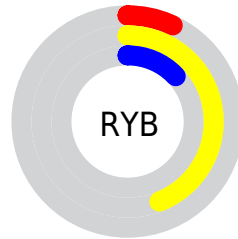
Distribution



Red (39%)

Green (44%)

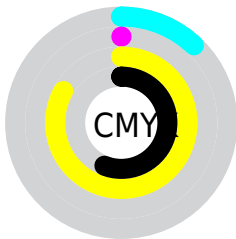
Blue (7%)



Red (7%)

Yellow (44%)

Blue (13%)

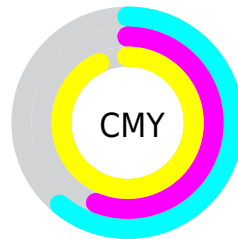


Cyan (12%)

Magenta (0%)

Yellow (83%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637113 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 637113 by changing the saturation by 10% instead.

 637113

 637113

FFFFFF

 495900

 98A548

 314100

 B4C061

 172B00

 D1DC7B

 001900

 EDF896

 000000

 FFFFB1

 FFFFCD

 FFFFEA

 637113

 637113

■ 617108

■ 65711E

■ 607100

■ 66712A

■ 687135

■ 6A7140

■ 6B714C

■ 6D7157

■ 6F7162

■ 70716D

■ 727179

Harmonies

Analogous

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



89640F



637113



2E7934

Triad

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



637113



007BAA



AE4478

Complementary

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



637113



211371

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.



90529E



637113



0073BC

Square

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



637113



007E87



5465B7



B4454F

Rectangle

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



637113



007C4E



5465B7



A74886

Sweetspot

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



637113



8E946F



712013



474A34



C9C9C9



4A4A4A

Same Dimension

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



637113



7E9400



357113



373832



667800



D3F700

Inverse Universe

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



211371



160094



4F1371



333238



120078



2500F7

Previews

White Background



This preview shows how the Hex color 637113 looks on a white background.

Color Contrast Check

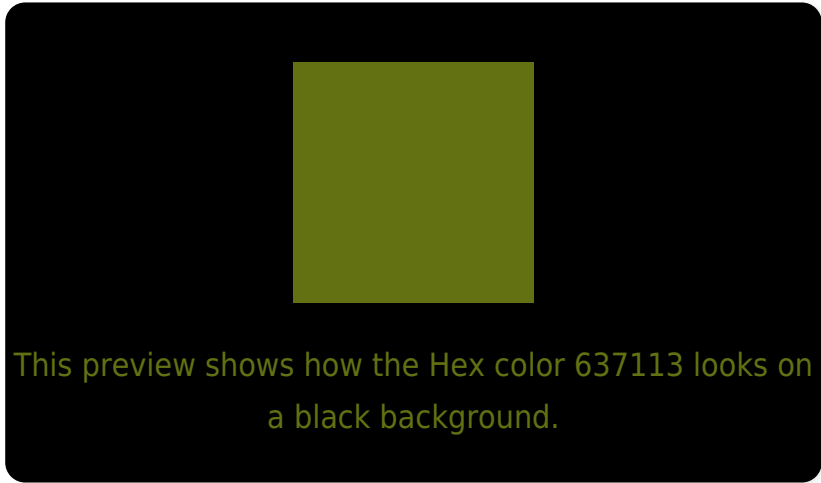
Large Text (above 18pt) WCAG AA ✓ Pass

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

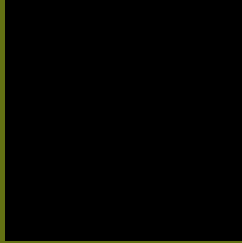
Any Text WCAG AA × Fail

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 637113 Background



This preview shows how black text looks on a background with the Hex color 637113.



This preview shows how white text looks on a background with the Hex color 637113.

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
637113

Protanopia
786B11

Deuteranopia
86651A



Tritanopia
6B6971

Trichromacy



Original Color
637113

Protanomaly
706D12

Deuteranomaly
796917

Tritanomaly
686C4F

Monochromacy



Original Color
637113

Achromatopsia
626262

Achromatomaly
626745

CSS Examples

Text

The CSS property to change the color of the text to Hex 637113 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 #637113 looks like.

```
.text, #text, p{  
    color:#637113  
}
```

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 #637113 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637113
}
```

Border

The CSS property to change the border of an element to Hex 637113 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
#637113 }
```

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

```
.border{ border-color:#637113 }
```

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

Here you see how a box with a 4 pixel #637113 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637113; -webkit-box-shadow:4px 4px  
4px 4px #637113; box-shadow:4px 4px 4px  
4px #637113 }
```

Background

The CSS property to change the background color of an element to Hex 637113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637113 }
```

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

```
.background{ background-color:#637113 }
```

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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