

Converting Colors

Hex(637014)

Have a look what the booklet for
Hex(637014) contains.

Hex(637014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(637014)

Conversions

Conversions Part 1

Format	Color
Hex	637014
RGB	99, 112, 20
RGB Percent	39%, 44%, 8%
CMY	0.6118, 0.5608, 0.9216
CMYK	0.12, 0.00, 0.82, 0.56
HSL	68°, 70%, 26%
HSV	68°, 82%, 44%
XYZ	11.0660, 14.2915, 2.8371
YIQ	97.6250, 21.7840, -31.3680

Conversions

Conversions Part 2

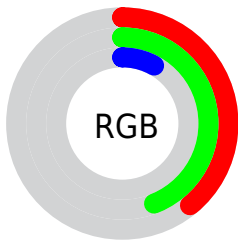
Format	Color
R_{YB}	20, 112, 33
Decimal	6516756
CIE Lab	44.65, -17.27, 45.27
CIE LCh	45, 48.453, 110.875
Yxy	14.2915, 0.3925, 0.5069
Android (android.graphics.Color)	4284706836 (0xFF637014)
YUV	97.6250, -38.2691, 1.2059
Hunter-Lab	37.8041, -13.9066, 22.0133

Details

The Hex color **637014** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **211470**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **98A448**, and **314000** is the 20% darker color. If you saturate the color by 10%, you get **617009**, and if you desaturate by 10%, it is **65701F**.

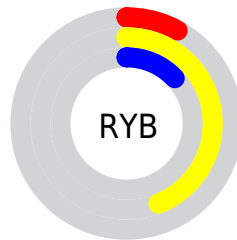
Distribution



Red (39%)

Green (44%)

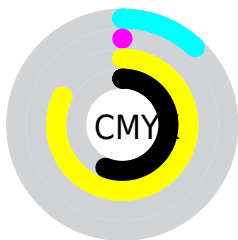
Blue (8%)



Red (8%)

Yellow (44%)

Blue (13%)

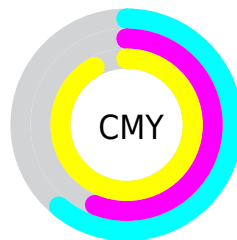


Cyan (12%)

Magenta (0%)

Yellow (82%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 637014 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 637014 by changing the saturation by 10% instead.



637014



637014

FFFFFF



495800



98A448



314000



B4BF62



182A00



D0DA7C



001800



EDF796



000000



FFFFB2



FFFCE



FFFEEA



637014



637014

■ 617009

■ 65701F

■ 607000

■ 66702A

■ 687036

■ 697041

■ 6B704C

■ 6C7057

■ 6E7062

■ 70706E

■ 717079

Harmonies

Analogous

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



886310



637014



307834

Triad

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



637014



007AA8



AC4478

Complementary

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



637014



211470

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.



8E529D



637014



0072B9

Square

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



637014



007D85



5264B5



B2454F

Rectangle

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



637014



007B4E



5264B5



A54885

Sweetspot

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



637014



8C916D



702014



474A34



C9C9C9



4A4A4A

Same Dimension

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



637014



7D9101



367014



373832



677800



D4F700

Inverse Universe

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



211470



160191



4E1470



333238



110078



2300F7

Previews

White Background



This preview shows how the Hex color 637014 looks on a white background.

Color Contrast Check

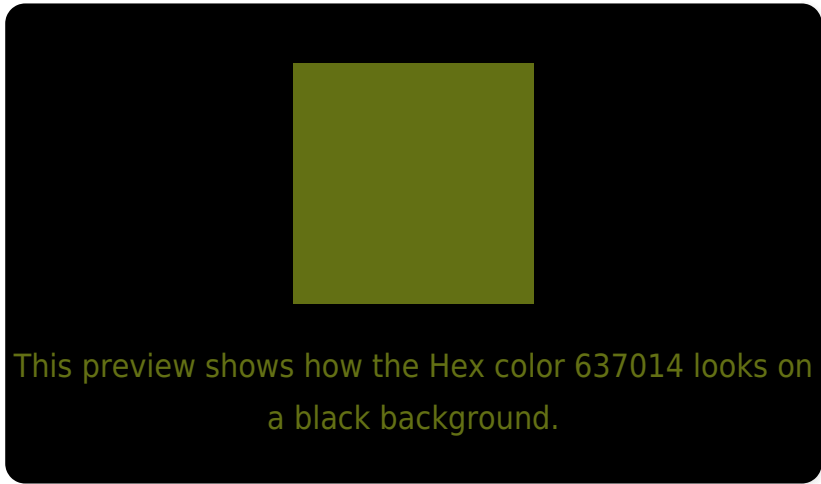
Large Text (above 18pt) WCAG AA ✓ Pass

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

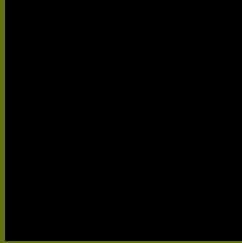
Any Text WCAG AA × Fail

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 637014 Background



This preview shows how black text looks on a background with the Hex color 637014.



This preview shows how white text looks on a background with the Hex color 637014.

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
637014

Protanopia
776A12

Deuteranopia
85641B



Tritanopia
6B6870

Trichromacy



Original Color
637014

Protanomaly
706C13

Deuteranomaly
796818

Tritanomaly
686B4F

Monochromacy



Original Color
637014

Achromatopsia
626262

Achromatomaly
626746

CSS Examples

Text

The CSS property to change the color of the text to Hex 637014 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 #637014 looks like.

```
.text, #text, p{  
    color:#637014  
}
```

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 #637014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637014
}
```

Border

The CSS property to change the border of an element to Hex 637014 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
#637014 }
```

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

```
.border{ border-color:#637014 }
```

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

Here you see how a box with a 4 pixel #637014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637014; -webkit-box-shadow:4px 4px  
4px 4px #637014; box-shadow:4px 4px 4px  
4px #637014 }
```

Background

The CSS property to change the background color of an element to Hex 637014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637014 }
```

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

```
.background{ background-color:#637014 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor