

Converting Colors

Hex(647010)

Have a look what the booklet for
Hex(647010) contains.

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Color

Hex(647010)

Conversions

Conversions Part 1	
Format	Color
Hex	647010
RGB	100, 112, 16
RGB Percent	39%, 44%, 6%
CMY	0.6078, 0.5608, 0.9373
CMYK	0.11, 0.00, 0.86, 0.56
HSL	68°, 75%, 25%
HSV	68°, 86%, 44%
XYZ	11.1432, 14.3351, 2.6698
YIQ	97.4680, 23.6640, -32.4000

Conversions

Conversions Part 2

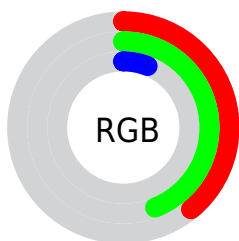
Format	Color
RYB	16, 112, 28
Decimal	6582288
CIELab	44.71, -16.96, 46.57
CIELCh	45, 49.562, 110.017
Yxy	14.3351, 0.3959, 0.5093
Android (android.graphics.Color)	4284772368 (0xFF647010)
YUV	97.4680, -40.1637, 2.2206
Hunter-Lab	37.8617, -13.7229, 22.3223

Details

The Hex color **647010** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1C1070**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9AA446**, and **324000** is the 20% darker color. If you saturate the color by 10%, you get **637005**, and if you desaturate by 10%, it is **65701B**.

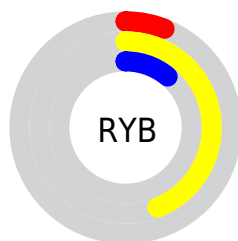
Distribution



Red (39%)

Green (44%)

Blue (6%)



Red (6%)

Yellow (44%)

Blue (11%)

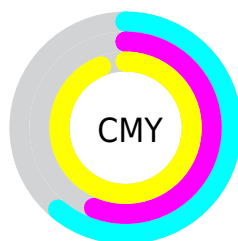


Cyan (11%)

Magenta (0%)

Yellow (86%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 647010 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 647010 by changing the saturation by 10% instead.

 647010

 647010

FFFFFF

 4A5800

 9AA446

 324000

 B5BF5F

 182A00

 D2DA79

 001800

 EFF794

 000000

 FFFFAF

 FFFFCB

 FFFFE8

 647010

 647010

 637005

 65701B

 627000

 677026

 687032


 6A703D

 6B7048

 6C7053

 6E705E

 6F706A

 717075

Harmonies

Analogous

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



8A630D



647010



307831

Triad

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



647010



007AA8



AD4379

Complementary

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



647010



1C1070

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.



8E529F



647010



0073BB

Square

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



647010



007D85



4F65B8



B44350

Rectangle

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



647010



007B4C



4F65B8



A64787

Sweetspot

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



647010



8D916C



701B10



474A33



C9C9C9



4A4A4A

Same Dimension

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



647010



7F9100



357010



373832



697800



D8F700

Inverse Universe

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



1C1070



120091



4B1070



333238



0F0078



1F00F7

Previews

White Background



This preview shows how the Hex color 647010 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



This preview shows how the Hex color 647010 looks on a 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 647010 Background



This preview shows how black text looks on a background with the Hex color 647010.



This preview shows how white text looks on a background with the Hex color 647010.

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

647010

Protanopia

776A0E

Deuteranopia

856418

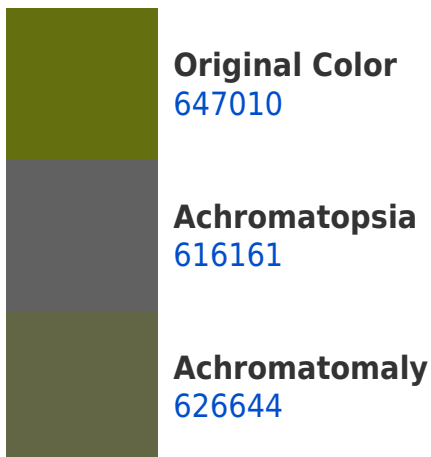


Tritanopia
6C6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 647010 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 #647010 looks like.

```
.text, #text, p{  
    color:#647010  
}
```

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 #647010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647010
}
```

Border

The CSS property to change the border of an element to Hex 647010 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
#647010 }
```

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

```
.border{ border-color:#647010 }
```

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

Here you see how a box with a 4 pixel #647010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647010; -webkit-box-shadow:4px 4px  
4px 4px #647010; box-shadow:4px 4px 4px  
4px #647010 }
```

Background

The CSS property to change the background color of an element to Hex 647010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647010 }
```

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

```
.background{ background-color:#647010 }
```

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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