

Converting Colors

Hex(640012)

Have a look what the booklet for
Hex(640012) contains.

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Color

Hex(640012)

Conversions

Conversions Part 1

Format	Color
Hex	640012
RGB	100, 0, 18
RGB Percent	39%, 0%, 7%
CMY	0.6078, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.82, 0.61
HSL	349°, 100%, 20%
HSV	349°, 100%, 39%
XYZ	5.3647, 2.7530, 0.8209
YIQ	31.9520, 53.8220, 26.7980

Conversions

Conversions Part 2

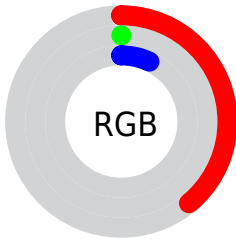
Format	Color
R_{YB}	100, 0, 18
Decimal	6553618
CIE Lab	19.03, 40.82, 21.06
CIE LCh	19, 45.934, 27.292
Yxy	2.7530, 0.6002, 0.3080
Android (android.graphics.Color)	4284743698 (0xFF640012)
YUV	31.9520, -6.8783, 59.6781
Hunter-Lab	16.5922, 28.6778, 8.6811

Details

The Hex color **640012** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006452**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9D3B3C**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **640012**, and if you desaturate by 10%, it is **640A1A**.

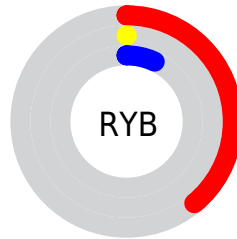
Distribution



Red (39%)

Green (0%)

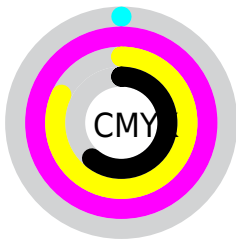
Blue (7%)



Red (39%)

Yellow (0%)

Blue (7%)

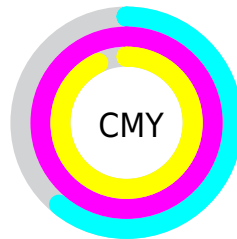


Cyan (0%)

Magenta (100%)

Yellow (82%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640012 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 640012 by changing the saturation by 10% instead.

 640012

 640012

 FFFAF2

 480000

 9D3B3C

 300002

 BA5553

 000000

 D86F6B

 F68985

 FFA59F

 FFC0BA

 FFDD5

 640012

 640A1A

 641422

 641E2B

 642833

 64323B

 643C43

 64464B

 645054

 645A5C

Harmonies

Analogous

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



650033



640012



551C00

Triad

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



640012



003903



003472

Complementary

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



640012



006452

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.



003A67



640012



003B2A

Square

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



640012



1C3500



003C4C



1E276B

Rectangle

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



640012



462800



003C4C



003770

Sweetspot

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



640012



825B62



520064



422A2F



C2C2C2



424242

Same Dimension

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



640012



820017



642000



332E2F



730015



F2002C

Inverse Universe

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



640012



820017



004464



332E2F



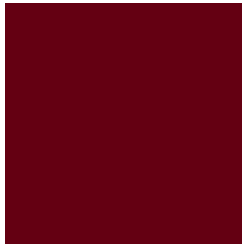
730015



F2002C

Previews

White Background



This preview shows how the Hex color 640012 looks on a white background.

Color Contrast Check

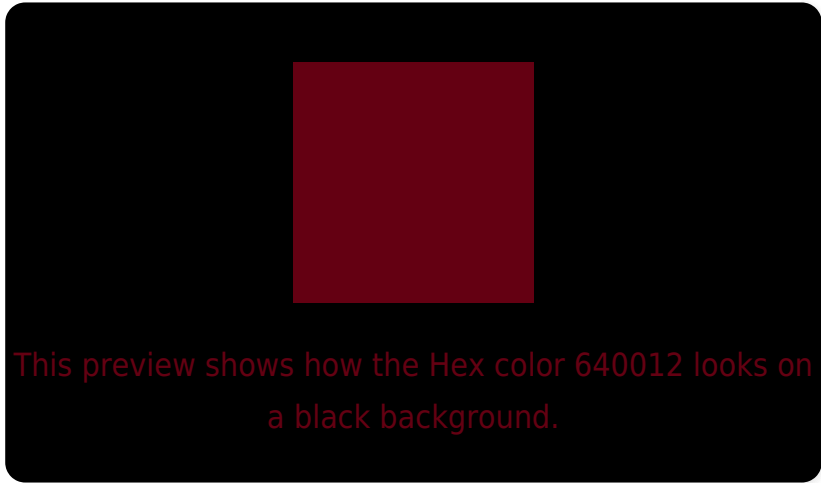
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

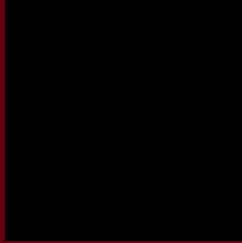
Any Text WCAG AA × Fail

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 640012 Background



This preview shows how black text looks on a background with the Hex color 640012.

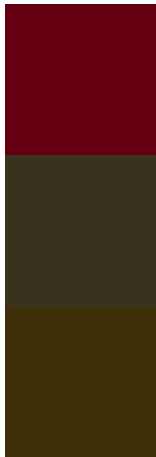


This preview shows how white text looks on a background with the Hex color 640012.

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
640012

Protanopia
38331C

Deuteranopia
403009



Tritanopia
640900

Trichromacy



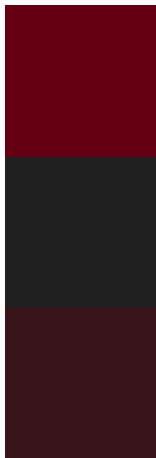
Original Color
640012

Protanomaly
482018

Deuteranomaly
4D1FOC

Tritanomaly
640607

Monochromacy



Original Color
640012

Achromatopsia
202020

Achromatomaly
39141B

CSS Examples

Text

The CSS property to change the color of the text to Hex 640012 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 #640012 looks like.

```
.text, #text, p{  
    color:#640012  
}
```

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 #640012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640012
}
```

Border

The CSS property to change the border of an element to Hex 640012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

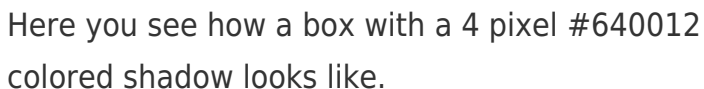
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640012 }
```

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

```
.border{ border-color:#640012 }
```

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



Here you see how a box with a 4 pixel #640012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640012; -webkit-box-shadow:4px 4px  
4px 4px #640012; box-shadow:4px 4px 4px  
4px #640012 }
```

Background

The CSS property to change the background color of an element to Hex 640012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640012 }
```

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

```
.background{ background-color:#640012 }
```

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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