

Converting Colors

Hex(640003)

Have a look what the booklet for
Hex(640003) contains.

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Color

Hex(640003)

Conversions

Conversions Part 1

Format	Color
Hex	640003
RGB	100, 0, 3
RGB Percent	39%, 0%, 1%
CMY	0.6078, 1.0000, 0.9882
CMYK	0.00, 1.00, 0.97, 0.61
HSL	358°, 100%, 20%
HSV	358°, 100%, 39%
XYZ	5.2720, 2.7159, 0.3325
YIQ	30.2420, 58.6370, 22.1330

Conversions

Conversions Part 2

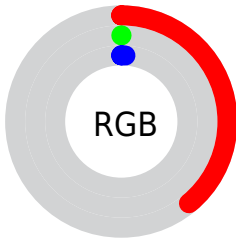
Format	Color
RYB	100, 0, 3
Decimal	6553603
CIELab	18.87, 40.39, 27.78
CIELCh	19, 49.019, 34.515
Yxy	2.7159, 0.6336, 0.3264
Android (android.graphics.Color)	4284743683 (0xFF640003)
YUV	30.2420, -13.4303, 61.1778
Hunter-Lab	16.4800, 28.2624, 10.3397

Details

The Hex color **640003** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006461**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **9E3B31**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **640003**, and if you desaturate by 10%, it is **640A0D**.

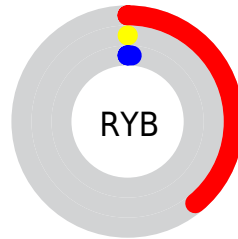
Distribution



Red (39%)

Green (0%)

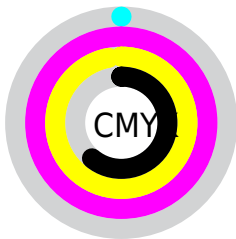
Blue (1%)



Red (39%)

Yellow (0%)

Blue (1%)

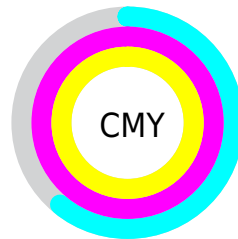


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640003 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 640003 by changing the saturation by 10% instead.

 640003

 640003

 FFF9E4

 480000

 9E3B31

 2F0002

 BB5547

 000000

 D96F5F

 F88978

 FFA492

 FFC0AD

 FFDCC8

 640003

 640A0D

 641416

 641E20

 64282A

 643234

 643C3D

 644647

 645051

 645A5A

Harmonies

Analogous

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



69002A



640003



511F00

Triad

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



640003



003A0B



003176

Complementary

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



640003



006461

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.



00396F



640003



003C33

Square

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



640003



0C3600



003C56



2F216A

Rectangle

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



640003



3F2A00



003C56



003576

Sweetspot

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



640003



825B5C



610064



422A2B



C2C2C2



424242

Same Dimension

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



640003



820004



642F00



332E2E



730003



F20007

Inverse Universe

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



640003



820004



003564



332E2E



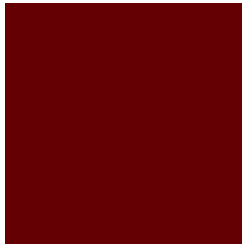
730003



F20007

Previews

White Background



This preview shows how the Hex color 640003 looks on a white background.

Color Contrast Check

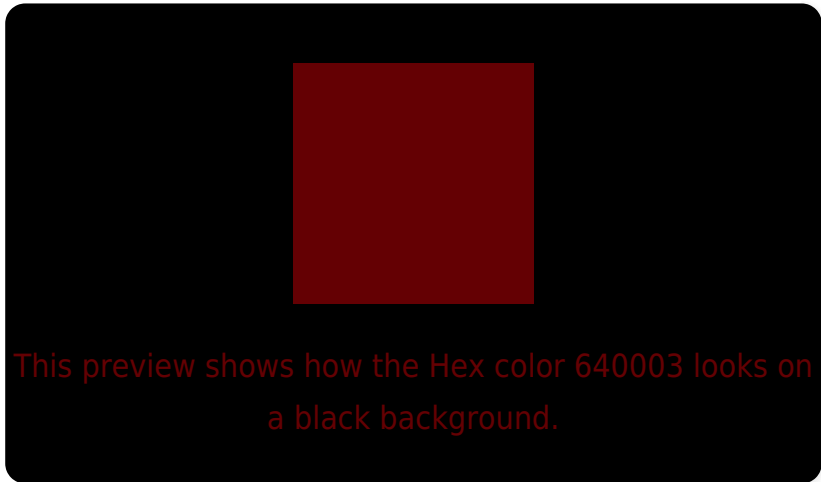
Large Text (above 18pt) WCAG AA ✓ Pass

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 640003 Background



This preview shows how black text looks on a background with the Hex color 640003.



This preview shows how white text looks on a background with the Hex color 640003.

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
640003

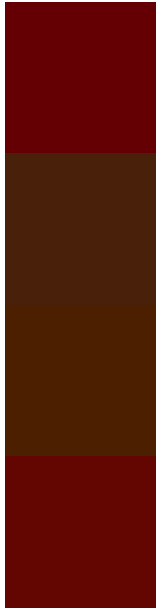
Protanopia
39330D

Deuteranopia
403000



Tritanopia
630900

Trichromacy



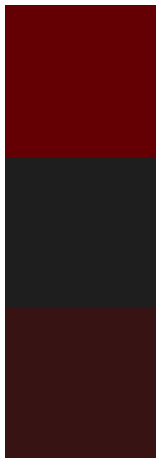
Original Color
640003

Protanomaly
492009

Deuteranomaly
4D1F01

Tritanomaly
630601

Monochromacy



Original Color
640003

Achromatopsia
1E1E1E

Achromatomaly
371314

CSS Examples

Text

The CSS property to change the color of the text to Hex 640003 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 #640003 looks like.

```
.text, #text, p{  
    color:#640003  
}
```

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 #640003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640003
}
```

Border

The CSS property to change the border of an element to Hex 640003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

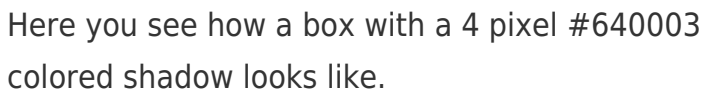
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640003 }
```

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

```
.border{ border-color:#640003 }
```

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



Here you see how a box with a 4 pixel #640003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640003; -webkit-box-shadow:4px 4px  
4px 4px #640003; box-shadow:4px 4px 4px  
4px #640003 }
```

Background

The CSS property to change the background color of an element to Hex 640003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640003 }
```

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

```
.background{ background-color:#640003 }
```

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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