

# Converting Colors

Hex(640029)

Have a look what the booklet for  
Hex(640029) contains.

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# Color

**Hex(640029)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	640029
RGB	100, 0, 41
RGB Percent	39%, 0%, 16%
CMY	0.6078, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.59, 0.61
HSL	335°, 100%, 20%
HSV	335°, 100%, 39%
XYZ	5.6558, 2.8694, 2.3536
YIQ	34.5740, 46.4390, 33.9510

# Conversions

## Conversions Part 2

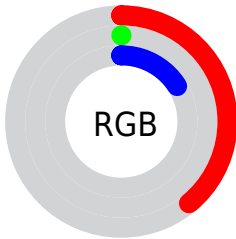
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 0, 41
Decimal	6553641
CIELab	19.51, 42.13, 5.52
CIELCh	20, 42.489, 7.461
Yxy	2.8694, 0.5199, 0.2638
Android (android.graphics.Color)	4284743721 (0xFF640029)
YUV	34.5740, 3.1680, 57.3786
Hunter-Lab	16.9394, 29.9543, 3.6197

# Details

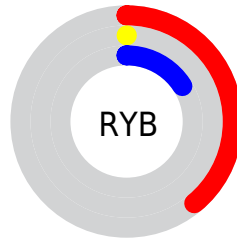
The Hex color **640029** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00643B**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **9C3C56**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **640029**, and if you desaturate by 10%, it is **640A2F**.

# Distribution



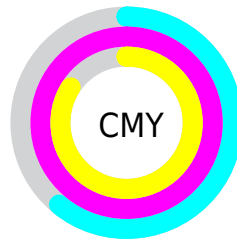
- Red (39%)
- Green (0%)
- Blue (16%)



- Red (39%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (61%)



- Cyan (61%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 640029 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 640029 by changing the saturation by 10% instead.



 640029

 640029

 FFFBFF

 490015

 9C3C56

 320002

 B8566E

 000000

 D57087

 F38BA1

 FFA6BC

 FFC2D8

 FFDEF5

 640029

 640A2F

 641435

 641E3B

 642841

 643247

 643C4C

 644652

 645058

 645A5E

# Harmonies

## Analogous

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



590D48



640029



5F1209

# Triad

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



640029



133700



003969

# Complementary

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



640029



00643B

# 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.



003C55



640029



003B16

# Square

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



640029



353100



003C36



00316E

# Rectangle

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



640029



551F00



003C36



003A64



# Sweetspot

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



640029



825B6B



3A0064



422A34



C2C2C2



424242



# Same Dimension

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



640029



820035



640800



332E30



73002F



F20063



# Inverse Universe

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



640029



820035



005C64



332E30



73002F

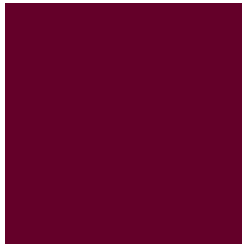


F20063



# Previews

## White Background



This preview shows how the Hex color 640029 looks on a white background.

## Color Contrast Check

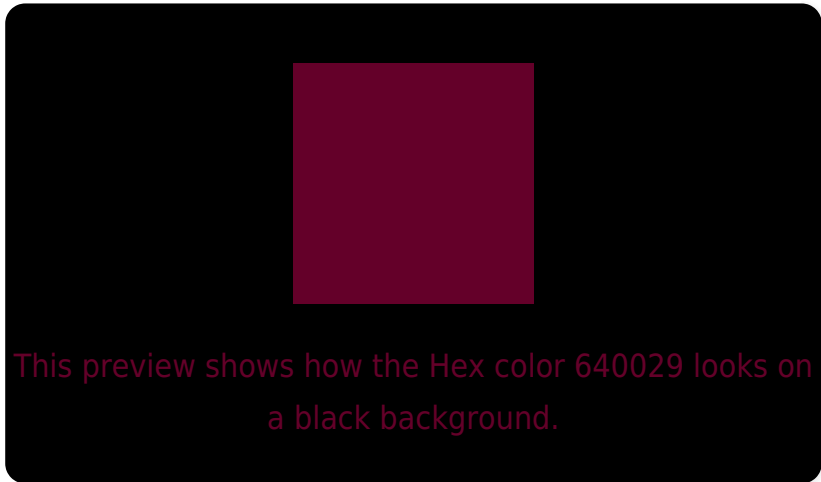
Large Text (above 18pt) WCAG AA ✓ Pass

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

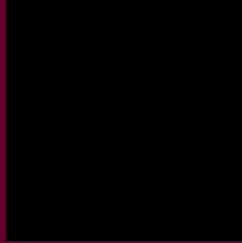
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 640029 Background



This preview shows how black text looks on a background with the Hex color 640029.



This preview shows how white text looks on a background with the Hex color 640029.

# 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**  
640029

**Protanopia**  
32333C

**Deuteranopia**  
3D3125



**Tritanopia**  
631010

# Trichromacy



**Original Color**  
640029

**Protanomaly**  
442035

**Deuteranomaly**  
4B1F26

**Tritanomaly**  
630A19

# Monochromacy



**Original Color**  
640029

**Achromatopsia**  
232323

**Achromatomaly**  
3B1625

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 640029 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 #640029 looks like.

```
.text, #text, p{  
    color:#640029  
}
```

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 #640029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640029
}
```

## Border

The CSS property to change the border of an element to Hex 640029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

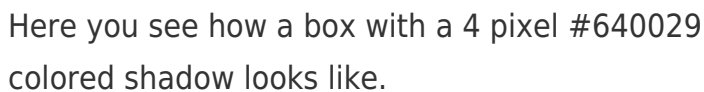
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640029 }
```

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

```
.border{ border-color:#640029 }
```

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



Here you see how a box with a 4 pixel #640029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640029; -webkit-box-shadow:4px 4px  
4px 4px #640029; box-shadow:4px 4px 4px  
4px #640029 }
```

# Background

The CSS property to change the background color of an element to Hex 640029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640029 }
```

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

```
.background{ background-color:#640029 }
```

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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