

# Converting Colors

Hex(64071E)

Have a look what the booklet for  
Hex(64071E) contains.

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**Color**

**Hex(64071E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64071E
RGB	100, 7, 30
RGB Percent	39%, 3%, 12%
CMY	0.6078, 0.9725, 0.8824
CMYK	0.00, 0.93, 0.70, 0.61
HSL	345°, 87%, 21%
HSV	345°, 93%, 39%
XYZ	5.5659, 2.9550, 1.5053
YIQ	37.4290, 48.0450, 26.8690

# Conversions

## Conversions Part 2

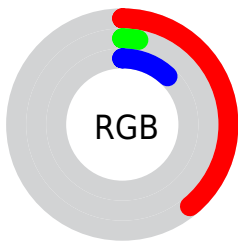
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 7, 30
Decimal	6555422
CIELab	19.86, 39.58, 13.83
CIElCh	20, 41.929, 19.261
Yxy	2.9550, 0.5551, 0.2947
Android (android.graphics.Color)	4284745502 (0xFF64071E)
YUV	37.4290, -3.6625, 54.8748
Hunter-Lab	17.1902, 27.7121, 6.8412

# Details

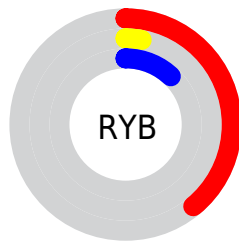
The Hex color **64071E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **07644D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **9C3F49**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **640019**, and if you desaturate by 10%, it is **641126**.

# Distribution



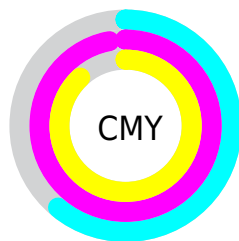
- Red (39%)
- Green (3%)
- Blue (12%)



- Red (39%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (93%)
- Yellow (70%)
- Black (61%)



- Cyan (61%)
- Magenta (97%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64071E 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 64071E by changing the saturation by 10% instead.



 64071E

 64071E

FFFEFF

 490005

 9C3F49

 310002

 B95961

 000000

 D6737A

 F48D94

 FFA9AE

 FFC4C9

 FFE1E6

 64071E

 64071E

■ 640019

■ 641126

■ 641B2D

■ 642535

■ 642F3C

■ 643944

■ 64434B

■ 644D53

■ 64575A

■ 646162

# Harmonies

## Analogous

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



60073C



64071E



5A1B00

# Triad

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



64071E



003A00



00376D

# Complementary

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



64071E



07644D

# 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.



003C5E



64071E



003C24

# Square

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



64071E



2A3400



003D43



052D6B

# Rectangle

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



64071E



4D2600



003D43



00396A



# Sweetspot

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



64071E



825E67



4D0764



422C31



C2C2C2



424242



# Same Dimension

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



64071E



820020



641E07



332E2F



73001C



F2003C



# Inverse Universe

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



64071E



820020



074D64



332E2F



73001C

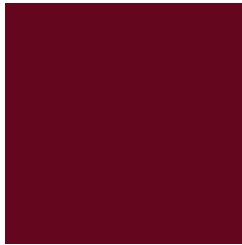


F2003C



# Previews

## White Background



This preview shows how the Hex color 64071E looks on a white background.

## Color Contrast Check

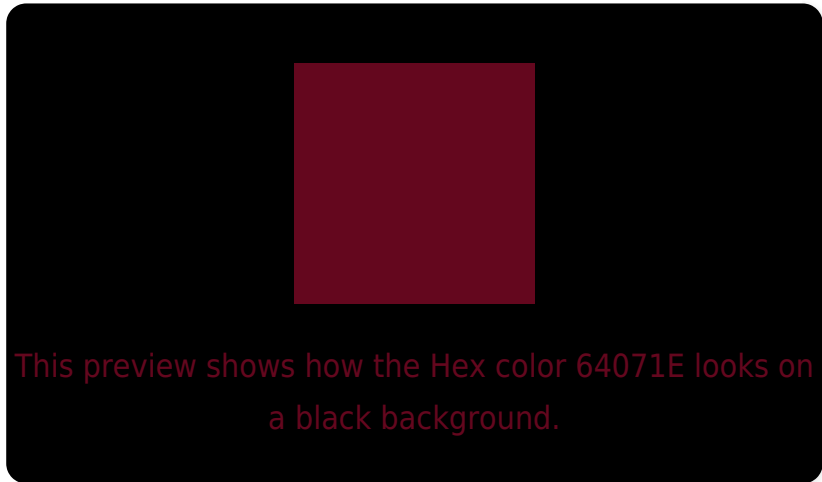
Large Text (above 18pt) WCAG AA ✓ Pass

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

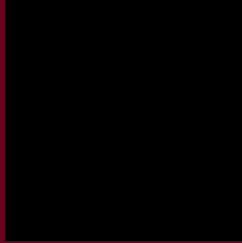
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64071E Background



This preview shows how black text looks on a background with the Hex color 64071E.



This preview shows how white text looks on a background with the Hex color 64071E.

# 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**  
64071E

**Protanopia**  
36332C

**Deuteranopia**  
3F3119



# Trichromacy



**Original Color**  
64071E

**Protanomaly**  
472327

**Deuteranomaly**  
4C221B

**Tritanomaly**  
640B13

# Monochromacy



**Original Color**  
64071E

**Achromatopsia**  
252525

**Achromatomaly**  
3C1A22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64071E 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 #64071E looks like.

```
.text, #text, p{  
    color:#64071E  
}
```

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 #64071E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64071E
}
```

## Border

The CSS property to change the border of an element to Hex 64071E is called "border". The border property can be set on classes, ids or directly on the HTML element.

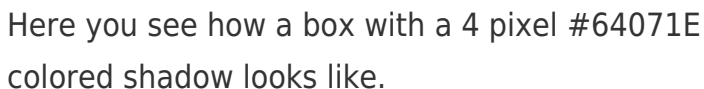
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64071E }
```

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

```
.border{ border-color:#64071E }
```

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



Here you see how a box with a 4 pixel #64071E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64071E; -webkit-box-shadow:4px 4px  
4px 4px #64071E; box-shadow:4px 4px 4px  
4px #64071E }
```

# Background

The CSS property to change the background color of an element to Hex 64071E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64071E }
```

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

```
.background{ background-color:#64071E }
```

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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