

# Converting Colors

Hex(5E0018)

Have a look what the booklet for  
Hex(5E0018) contains.

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# Color

**Hex(5E0018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E0018
RGB	94, 0, 24
RGB Percent	37%, 0%, 9%
CMY	0.6314, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.74, 0.63
HSL	345°, 100%, 18%
HSV	345°, 100%, 37%
XYZ	4.7810, 2.4456, 1.0842
YIQ	30.8420, 48.3200, 27.3920

# Conversions

## Conversions Part 2

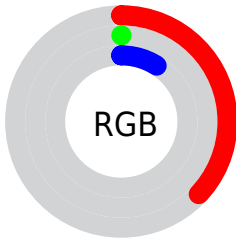
Format	Color
<a href="#">RYB</a>	<a href="#">94, 0, 24</a>
Decimal	<a href="#">6160408</a>
CIELab	<a href="#">17.67, 39.44, 15.03</a>
CIElCh	<a href="#">18, 42.203, 20.857</a>
Yxy	<a href="#">2.4456, 0.5753, 0.2943</a>
Android (android.graphics.Color)	<a href="#">4284350488 (0xFF5E0018)</a>
YUV	<a href="#">30.8420, -3.3731, 55.3896</a>
Hunter-Lab	<a href="#">15.6385, 27.2031, 6.8364</a>

# Details

The Hex color **5E0018** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005E46**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **963A42**, and **2A0001** is the 20% darker color. If you saturate the color by 10%, you get **5E0018**, and if you desaturate by 10%, it is **5E091F**.

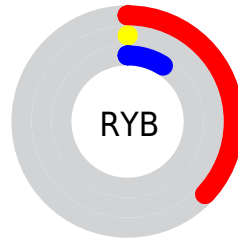
# Distribution



Red (37%)

Green (0%)

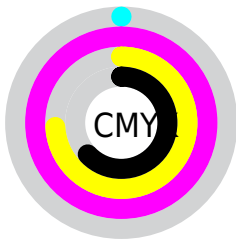
Blue (9%)



Red (37%)

Yellow (0%)

Blue (9%)

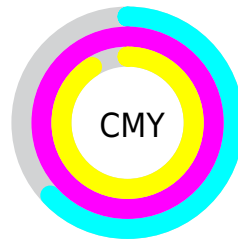


Cyan (0%)

Magenta (100%)

Yellow (74%)

Black (63%)



Cyan (63%)

Magenta (100%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E0018 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 5E0018 by changing the saturation by 10% instead.



 5E0018

 5E0018

 FFF8FA

 430000

 963A42

 2A0001

 B3535A

 000000

 D06D72

 EE888C

 FFA3A6

 FFBE C1

 FFDBDD

 5E0018

 5E091F

 5E1326

 5E1C2D

 5E2634

 5E2F3B

 5E3842

 5E4249

 5E4B50

 5E5557

# Harmonies

## Analogous

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



5B0036



5E0018



531700

# Triad

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



5E0018



003500



003268

# Complementary

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



5E0018



005E46

# 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.



00375A



5E0018



003721

# Square

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



5E0018



233000



003840



022865

# Rectangle

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



5E0018



462200



003840



003465



# Sweetspot

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



5E0018



7A565F



45005E



3D272D



BDBDBD



3D3D3D



# Same Dimension

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



5E0018



7A001F



5E1600



2E292A



6E001C



ED003D



# Inverse Universe

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



5E0018



7A001F



00485E



2E292A



6E001C

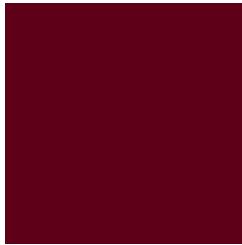


ED003D



# Previews

## White Background



This preview shows how the Hex color 5E0018 looks on a white background.

## Color Contrast Check

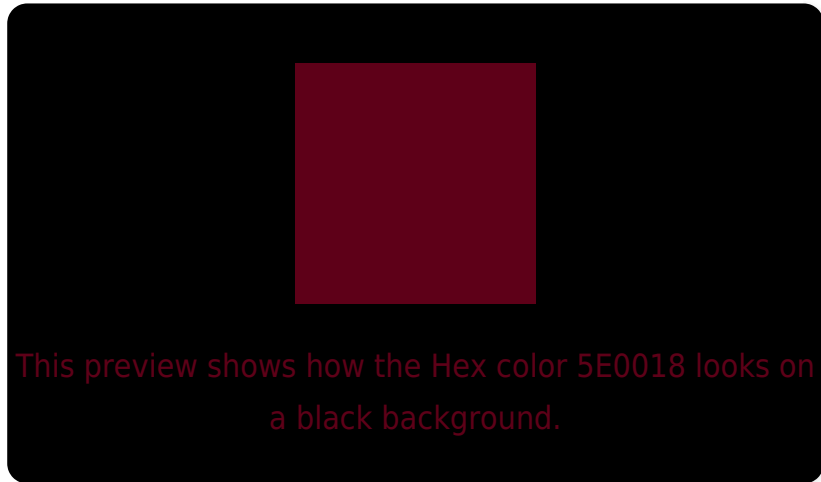
Large Text (above 18pt) WCAG AA ✓ Pass

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

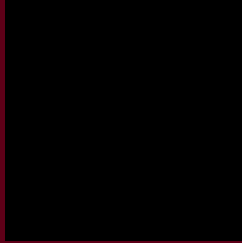
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E0018 Background



This preview shows how black text looks on a background with the Hex color 5E0018.

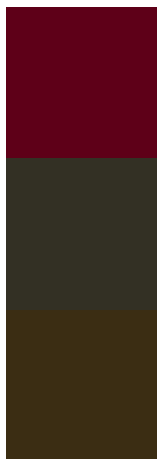


This preview shows how white text looks on a background with the Hex color 5E0018.

# 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



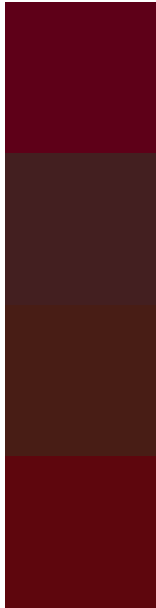
**Original Color**  
5E0018

**Protanopia**  
333024

**Deuteranopia**  
3B2D13



# Trichromacy



**Original Color**  
5E0018

**Protanomaly**  
431F20

**Deuteranomaly**  
481D15

**Tritanomaly**  
5E060D

# Monochromacy



**Original Color**  
5E0018

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
36141C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E0018 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 #5E0018 looks like.

```
.text, #text, p{  
    color:#5E0018  
}
```

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 #5E0018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0018
}
```

## Border

The CSS property to change the border of an element to Hex 5E0018 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".

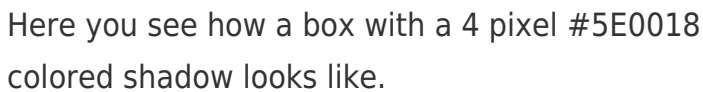
```
.border, #border, table{ border:4px solid
#5E0018 }
```

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

```
.border{ border-color:#5E0018 }
```

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

Here you see how a box with a 4 pixel #5E0018 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5E0018 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0018; -webkit-box-shadow:4px 4px  
4px 4px #5E0018; box-shadow:4px 4px 4px  
4px #5E0018 }
```

# Background

The CSS property to change the background color of an element to Hex 5E0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0018 }
```

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

```
.background{ background-color:#5E0018 }
```

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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