

# Converting Colors

Hex(5E0820)

Have a look what the booklet for  
Hex(5E0820) contains.

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# Color

**Hex(5E0820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E0820
RGB	94, 8, 32
RGB Percent	37%, 3%, 13%
CMY	0.6314, 0.9686, 0.8745
CMYK	0.00, 0.91, 0.66, 0.63
HSL	343°, 84%, 20%
HSV	343°, 91%, 37%
XYZ	4.9636, 2.6576, 1.6179
YIQ	36.4500, 43.5520, 25.6960

# Conversions

## Conversions Part 2

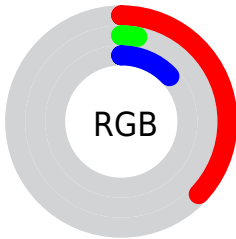
Format	Color
<a href="#">RYB</a>	<a href="#">94, 8, 32</a>
Decimal	<a href="#">6162464</a>
CIELab	<a href="#">18.62, 37.68, 10.52</a>
CIElCh	<a href="#">19, 39.120, 15.593</a>
Yxy	<a href="#">2.6576, 0.5372, 0.2876</a>
Android (android.graphics.Color)	<a href="#">4284352544 (0xFF5E0820)</a>
YUV	<a href="#">36.4500, -2.1939, 50.4714</a>
Hunter-Lab	<a href="#">16.3023, 25.8200, 5.5275</a>

# Details

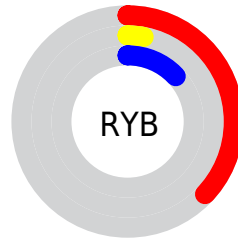
The Hex color **5E0820** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **085E46**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **953F4C**, and **2C0001** is the 20% darker color. If you saturate the color by 10%, you get **5E001A**, and if you desaturate by 10%, it is **5E1127**.

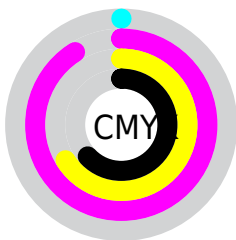
# Distribution



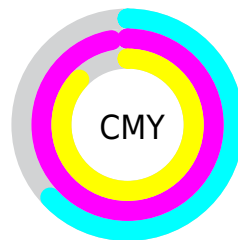
- Red (37%)
- Green (3%)
- Blue (13%)



- Red (37%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (66%)
- Black (63%)



- Cyan (63%)
- Magenta (97%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E0820 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 5E0820 by changing the saturation by 10% instead.



 5E0820

 5E0820

 FFFCFF

 440008

 953F4C

 2C0001

 B25863

 000000

 CF727C

 EC8C96

 FFA7B1

 FFC3CC

 FFDFE8

 5E0820

 5E0820

■ 5E001A

■ 5E1127

■ 5E1B2E

■ 5E2434

■ 5E2E3B

■ 5E3742

■ 5E4049

■ 5E4A4F

■ 5E5356

■ 5E5D5D

# Harmonies

## Analogous

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



580B3C



5E0820



561800

# Triad

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



5E0820



053600



003565

# Complementary

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



5E0820



085E46

# 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.



003956



5E0820



00391E

# Square

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



5E0820



2C3100



00393C



002C65

# Rectangle

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



5E0820



4B2300



00393C



003661



# Sweetspot

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



5E0820



7A5963



46085E



3D2A2F



BDBDBD



3D3D3D



# Same Dimension

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



5E0820



7A0022



5E1B08



2E292B



6E001F



ED0042



# Inverse Universe

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



5E0820



7A0022



084B5E



2E292B



6E001F

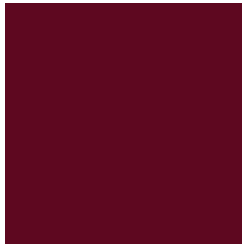


ED0042



# Previews

## White Background



This preview shows how the Hex color 5E0820 looks on a white background.

## Color Contrast Check

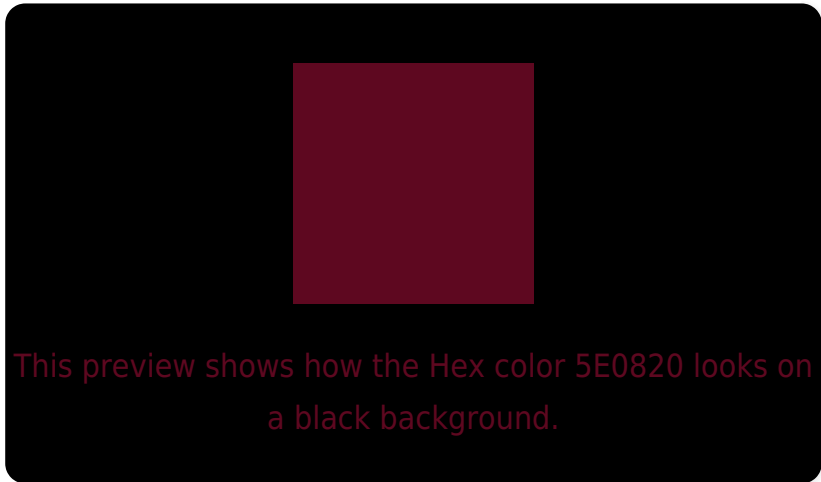
Large Text (above 18pt) WCAG AA ✓ Pass

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

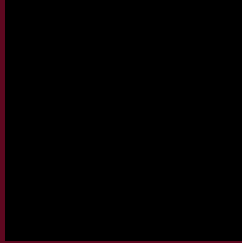
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E0820 Background



This preview shows how black text looks on a background with the Hex color 5E0820.



This preview shows how white text looks on a background with the Hex color 5E0820.

# 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**  
5E0820

**Protanopia**  
32302F

**Deuteranopia**  
3B2E1C



# Trichromacy



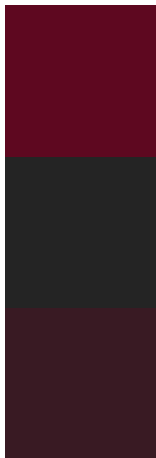
**Original Color**  
5E0820

**Protanomaly**  
42212A

**Deuteranomaly**  
48201D

**Tritanomaly**  
5D0C15

# Monochromacy



**Original Color**  
5E0820

**Achromatopsia**  
242424

**Achromatomaly**  
391A23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E0820 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 #5E0820 looks like.

```
.text, #text, p{  
    color:#5E0820  
}
```

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 #5E0820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0820
}
```

## Border

The CSS property to change the border of an element to Hex 5E0820 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".

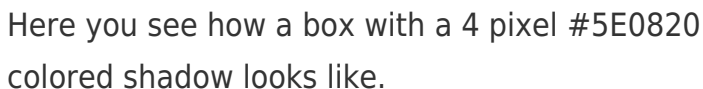
```
.border, #border, table{ border:4px solid
#5E0820 }
```

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

```
.border{ border-color:#5E0820 }
```

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

Here you see how a box with a 4 pixel #5E0820 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 #5E0820 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0820; -webkit-box-shadow:4px 4px  
4px 4px #5E0820; box-shadow:4px 4px 4px  
4px #5E0820 }
```

# Background

The CSS property to change the background color of an element to Hex 5E0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0820 }
```

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

```
.background{ background-color:#5E0820 }
```

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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