

# Converting Colors

Hex(5C0F24)

Have a look what the booklet for  
Hex(5C0F24) contains.

<b>Hex(5C0F24)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5C0F24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C0F24
RGB	92, 15, 36
RGB Percent	36%, 6%, 14%
CMY	0.6392, 0.9412, 0.8588
CMYK	0.00, 0.84, 0.61, 0.64
HSL	344°, 72%, 21%
HSV	344°, 84%, 36%
XYZ	4.9029, 2.7443, 1.9404
YIQ	40.4170, 39.1510, 22.8550

# Conversions

## Conversions Part 2

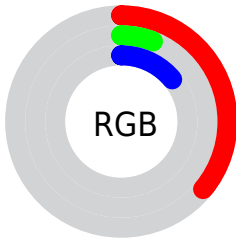
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 15, 36
Decimal	6033188
CIELab	18.99, 35.31, 8.09
CIElCh	19, 36.224, 12.899
Yxy	2.7443, 0.5114, 0.2862
Android (android.graphics.Color)	4284223268 (0xFF5C0F24)
YUV	40.4170, -2.1776, 45.2383
Hunter-Lab	16.5660, 23.8384, 4.6516

# Details

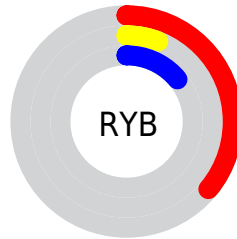
The Hex color **5C0F24** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F5C47**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **934250**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5C061D**, and if you desaturate by 10%, it is **5C182B**.

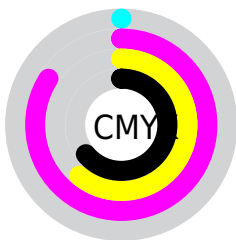
# Distribution



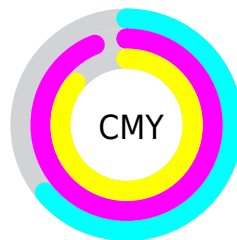
- Red (36%)
- Green (6%)
- Blue (14%)



- Red (36%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (84%)
- Yellow (61%)
- Black (64%)



- Cyan (64%)
- Magenta (94%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C0F24 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 5C0F24 by changing the saturation by 10% instead.





5C0F24



5C0F24

FFFFFF



42000F



934250



2B0001



AF5B68



000000



CB7581



E98F9B



FFAAB6



FFC6D2



FFE2EE



5C0F24



5C0F24

■ 5C061D

■ 5C182B

■ 5C0019

■ 5C2131

■ 5C2B38

■ 5C343F

■ 5C3D45

■ 5C464C

■ 5C4F53

■ 5C595A

■ 5C6260

# Harmonies

## Analogous

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



55133E



5C0F24



561A09

# Triad

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



5C0F24



103600



003561

# Complementary

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



5C0F24



0F5C47

# 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.



003952



5C0F24



00391E

# Square

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



5C0F24



303000



003A39



002E62

# Rectangle

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



5C0F24



4C2300



003A39



00375D



# Sweetspot

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



5C0F24



785A62



460F5C



3D2B30



BDBDBD



3D3D3D



# Same Dimension

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



5C0F24



780021



5C200F



2E292B



6E001E



ED0041



# Inverse Universe

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



5C0F24



780021



0F4B5C



2E292B



6E001E

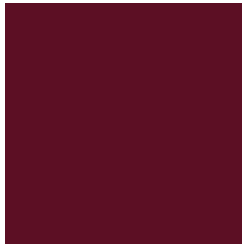


ED0041



# Previews

## White Background



This preview shows how the Hex color 5C0F24 looks on a white background.

## Color Contrast Check

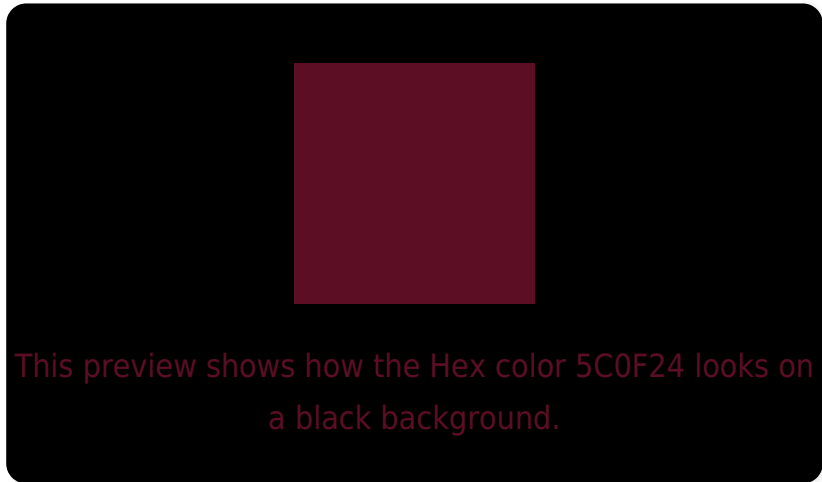
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C0F24 Background



This preview shows how black text looks on a background with the Hex color 5C0F24.



This preview shows how white text looks on a background with the Hex color 5C0F24.

# 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**  
5C0F24

**Protanopia**  
313033

**Deuteranopia**  
3A2E20



**Tritanopia**  
5B1314

# Trichromacy



**Original Color**

5C0F24

**Protanomaly**

41242E

**Deuteranomaly**

462321

**Tritanomaly**

5B121A

# Monochromacy



**Original Color**

5C0F24

**Achromatopsia**

282828

**Achromatomaly**

3B1F27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C0F24 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 #5C0F24 looks like.

```
.text, #text, p{  
    color:#5C0F24  
}
```

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 #5C0F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0F24
}
```

## Border

The CSS property to change the border of an element to Hex 5C0F24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

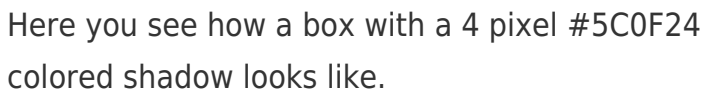
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0F24 }
```

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

```
.border{ border-color:#5C0F24 }
```

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



Here you see how a box with a 4 pixel #5C0F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0F24; -webkit-box-shadow:4px 4px  
4px 4px #5C0F24; box-shadow:4px 4px 4px  
4px #5C0F24 }
```

# Background

The CSS property to change the background color of an element to Hex 5C0F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0F24 }
```

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

```
.background{ background-color:#5C0F24 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor