

Converting Colors

Hex(5C0F40)

Have a look what the booklet for
Hex(5C0F40) contains.

Hex(5C0F40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C0F40)

Conversions

Conversions Part 1

Format	Color
Hex	5C0F40
RGB	92, 15, 64
RGB Percent	36%, 6%, 25%
CMY	0.6392, 0.9412, 0.7490
CMYK	0.00, 0.84, 0.30, 0.64
HSL	322°, 72%, 21%
HSV	322°, 84%, 36%
XYZ	5.5099, 2.9871, 5.1367
YIQ	43.6090, 30.1630, 31.5630

Conversions

Conversions Part 2

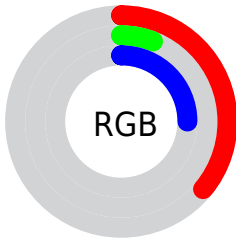
Format	Color
RYB	92, 15, 64
Decimal	6033216
CIELab	19.99, 38.37, -10.21
CIElCh	20, 39.707, 345.099
Yxy	2.9871, 0.4041, 0.2191
Android (android.graphics.Color)	4284223296 (0xFF5C0F40)
YUV	43.6090, 10.0528, 42.4389
Hunter-Lab	17.2833, 26.6596, -5.5229

Details

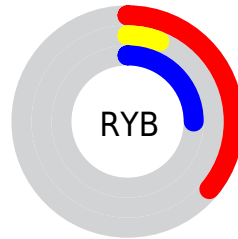
The Hex color **5C0F40** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F5C2B**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **914370**, and **2E0016** is the 20% darker color. If you saturate the color by 10%, you get **5C063D**, and if you desaturate by 10%, it is **5C1843**.

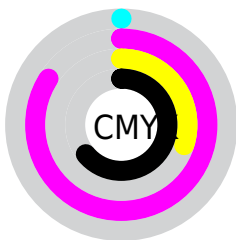
Distribution



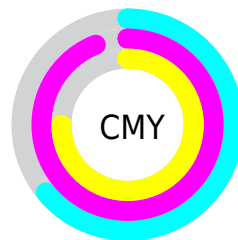
- Red (36%)
- Green (6%)
- Blue (25%)



- Red (36%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (84%)
- Yellow (30%)
- Black (64%)



- Cyan (64%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0F40 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 5C0F40 by changing the saturation by 10% instead.

 5C0F40

 5C0F40

FFFFFF

 42002A

 914370

 2E0016

 AD5D89

 000000

 C976A3

 E691BF

 FFACDA

 FFC8F7

 FFE4FF

 5C0F40

 5C0F40

■ 5C063D

■ 5C1843

■ 5C003B

■ 5C2147

■ 5C2B4A

■ 5C344D

■ 5C3D51

■ 5C4654

■ 5C4F57

■ 5C595B

■ 5C625E

Harmonies

Analogous

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



43205A



5C0F40



620B23

Triad

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



5C0F40



2F3300



003C59

Complementary

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



5C0F40



0F5C2B

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.



003D3F



5C0F40



083900

Square

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



5C0F40



482A00



003C20



003869

Rectangle

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



5C0F40



5E1510



003C20



003C51

Sweetspot

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



5C0F40



785A6D



2A0F5C



3D2B37



BDBDBD



3D3D3D

Same Dimension

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



5C0F40



78004C



5C0F1B



2E292C



6E0046



ED0097

Inverse Universe

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



5C0F40



78004C



0F5C50



2E292C



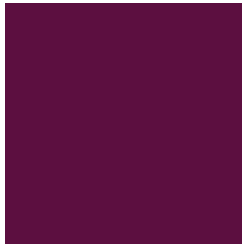
6E0046



ED0097

Previews

White Background



This preview shows how the Hex color 5C0F40 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

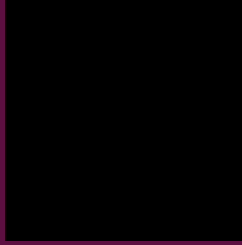
Any Text WCAG AA × Fail

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 5C0F40 Background



This preview shows how black text looks on a background with the Hex color 5C0F40.



This preview shows how white text looks on a background with the Hex color 5C0F40.

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
5C0F40

Protanopia
213158

Deuteranopia
33313C

Trichromacy



Original Color
5C0F40

Protanomaly
36254F

Deuteranomaly
42253D

Tritanomaly
5B172A

Monochromacy



Original Color
5C0F40

Achromatopsia
2C2C2C

Achromatomaly
3D2133

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0F40 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 #5C0F40 looks like.

```
.text, #text, p{  
    color:#5C0F40  
}
```

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 #5C0F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0F40
}
```

Border

The CSS property to change the border of an element to Hex 5C0F40 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".

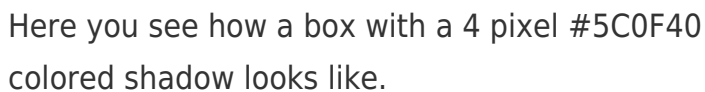
```
.border, #border, table{ border:4px solid
#5C0F40 }
```

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

```
.border{ border-color:#5C0F40 }
```

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

Here you see how a box with a 4 pixel #5C0F40 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0F40; -webkit-box-shadow:4px 4px  
4px 4px #5C0F40; box-shadow:4px 4px 4px  
4px #5C0F40 }
```

Background

The CSS property to change the background color of an element to Hex 5C0F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0F40 }
```

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

```
.background{ background-color:#5C0F40 }
```

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