

Converting Colors

Hex(5E0002)

Have a look what the booklet for
Hex(5E0002) contains.

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Color

Hex(5E0002)

Conversions

Conversions Part 1

Format	Color
Hex	5E0002
RGB	94, 0, 2
RGB Percent	37%, 0%, 1%
CMY	0.6314, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.63
HSL	359°, 100%, 18%
HSV	359°, 100%, 37%
XYZ	4.6271, 2.3841, 0.2737
YIQ	28.3340, 55.3820, 20.5500

Conversions

Conversions Part 2

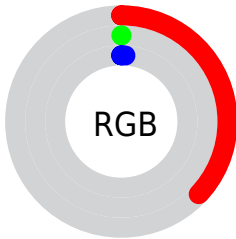
Format	Color
R _Y B	94, 0, 2
Decimal	6160386
CIE Lab	17.39, 38.66, 26.06
CIE LCh	17, 46.626, 33.982
Yxy	2.3841, 0.6352, 0.3273
Android (android.graphics.Color)	4284350466 (0xFF5E0002)
YUV	28.3340, -12.9827, 57.5891
Hunter-Lab	15.4404, 26.4706, 9.7572

Details

The Hex color **5E0002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005E5C**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **973930**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5E0002**, and if you desaturate by 10%, it is **5E090B**.

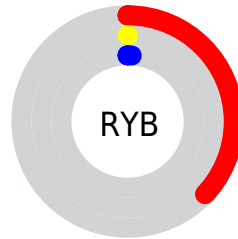
Distribution



Red (37%)

Green (0%)

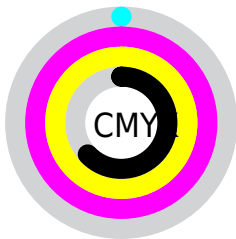
Blue (1%)



Red (37%)

Yellow (0%)

Blue (1%)

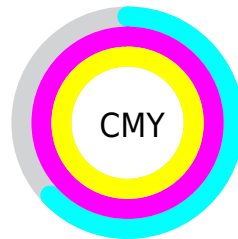


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (63%)



Cyan (63%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E0002 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 5E0002 by changing the saturation by 10% instead.

 5E0002

 5E0002

 FFF7E3

 420000

 973930

 280001

 B45347

 000000

 D26C5E

 F08777

 FFA291

 FFBDAC

 FFDAC7

 5E0002

 5E090B

 5E1314

 5E1C1E

 5E2627

 5E2F30

 5E3839

 5E4242

 5E4B4C

 5E5555

Harmonies

Analogous

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



620028



5E0002



4C1D00

Triad

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



5E0002



003609



002E6F

Complementary

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



5E0002



005E5C

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.



003668



5E0002



00382E

Square

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



5E0002



0C3300



003850



2B1F63

Rectangle

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



5E0002



3C2700



003850



00316F

Sweetspot

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



5E0002



7A5656



5B005E



3D2728



BDBDBD



3D3D3D

Same Dimension

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



5E0002



7A0003



5E2C00



2E2929



6E0002



ED0005

Inverse Universe

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



5E0002



7A0003



00325E



2E2929



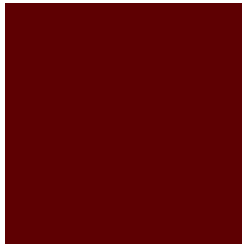
6E0002



ED0005

Previews

White Background



This preview shows how the Hex color 5E0002 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

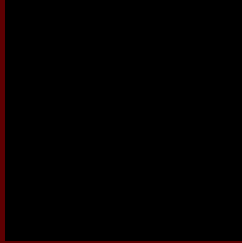
Any Text WCAG AA × Fail

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 5E0002 Background



This preview shows how black text looks on a background with the Hex color 5E0002.



This preview shows how white text looks on a background with the Hex color 5E0002.

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
5E0002

Protanopia
35300C

Tritanopia
5D0900

Trichromacy

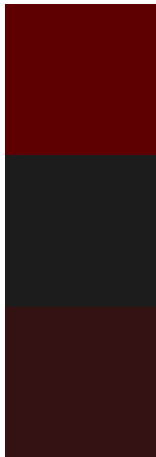


Original Color
5E0002

Protanomaly
441F08

Tritanomaly
5D0601

Monochromacy



Original Color
5E0002

Achromatopsia
1C1C1C

Achromatomaly
341213

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E0002 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 #5E0002 looks like.

```
.text, #text, p{  
    color:#5E0002  
}
```

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 #5E0002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E0002
}
```

Border

The CSS property to change the border of an element to Hex 5E0002 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".

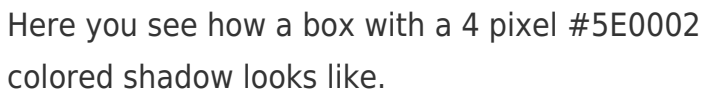
```
.border, #border, table{ border:4px solid
#5E0002 }
```

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

```
.border{ border-color:#5E0002 }
```

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

Here you see how a box with a 4 pixel #5E0002 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 #5E0002 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E0002; -webkit-box-shadow:4px 4px  
4px 4px #5E0002; box-shadow:4px 4px 4px  
4px #5E0002 }
```

Background

The CSS property to change the background color of an element to Hex 5E0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E0002 }
```

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

```
.background{ background-color:#5E0002 }
```

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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