

Converting Colors

Hex(5F0011)

Have a look what the booklet for
Hex(5F0011) contains.

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Color

Hex(5F0011)

Conversions

Conversions Part 1

Format	Color
Hex	5F0011
RGB	95, 0, 17
RGB Percent	37%, 0%, 7%
CMY	0.6275, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.82, 0.63
HSL	349°, 100%, 19%
HSV	349°, 100%, 37%
XYZ	4.8205, 2.4734, 0.7537
YIQ	30.3430, 51.1630, 25.4270

Conversions

Conversions Part 2

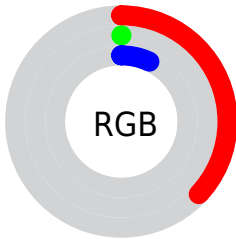
Format	Color
R_{YB}	95, 0, 17
Decimal	6225937
CIE _{Lab}	17.80, 39.40, 19.91
CIE _{LCh}	18, 44.141, 26.805
Yxy	2.4734, 0.5990, 0.3073
Android (android.graphics.Color)	4284416017 (0xFF5F0011)
YUV	30.3430, -6.5781, 56.7042
Hunter-Lab	15.7269, 27.1902, 8.1676

Details

The Hex color **5F0011** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005F4E**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **983A3B**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5F0011**, and if you desaturate by 10%, it is **5F0919**.

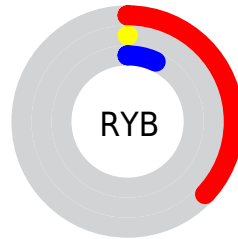
Distribution



Red (37%)

Green (0%)

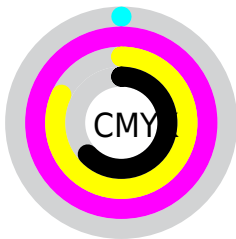
Blue (7%)



Red (37%)

Yellow (0%)

Blue (7%)

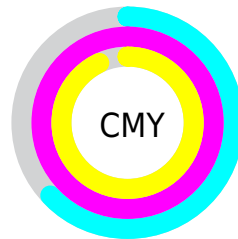


Cyan (0%)

Magenta (100%)

Yellow (82%)

Black (63%)



Cyan (63%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F0011 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 5F0011 by changing the saturation by 10% instead.

 5F0011

 5F0011

 FFF8F0

 440000

 983A3B

 2B0001

 B55352

 000000

 D26D6A

 F08883

 FFA39D

 FFBE8

 FFDBD4

 5F0011

 5F0919

 5F1321

 5F1D28

 5F2630

 5F3038

 5F3940

 5F4348

 5F4C4F

 5F5657

Harmonies

Analogous

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



5F0030



5F0011



511A00

Triad

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



5F0011



003601



00316C

Complementary

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



5F0011



005F4E

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.



003761



5F0011



003827

Square

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



5F0011



1B3200



003948



1A2565

Rectangle

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



5F0011



422500



003948



00346A

Sweetspot

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



5F0011



7A565C



4E005F



3D272B



BDBDBD



3D3D3D

Same Dimension

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



5F0011



7A0016



5F1E00



302C2C



700014



F0002B

Inverse Universe

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



5F0011



7A0016



00415F



302C2C



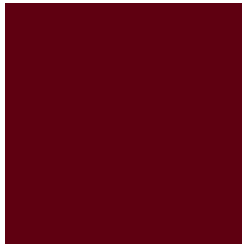
700014



F0002B

Previews

White Background



This preview shows how the Hex color 5F0011 looks on a white background.

Color Contrast Check

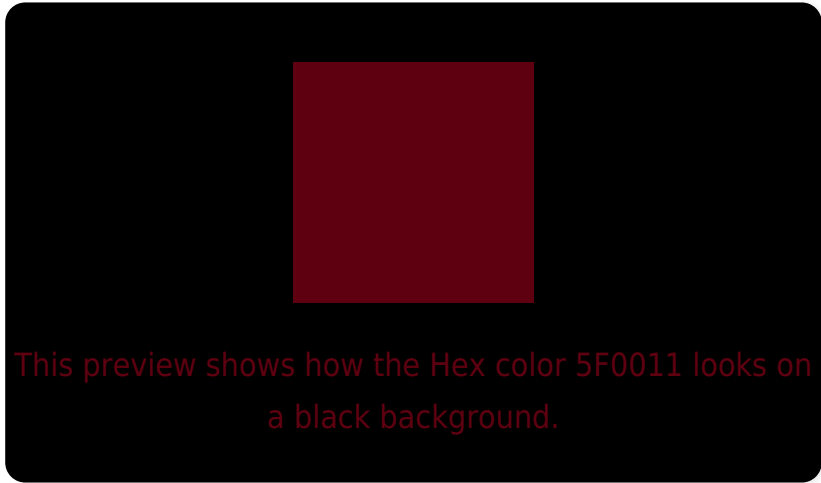
Large Text (above 18pt) WCAG AA ✓ Pass

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

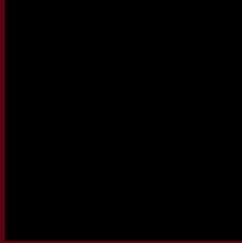
Any Text WCAG AA × Fail

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 5F0011 Background



This preview shows how black text looks on a background with the Hex color 5F0011.

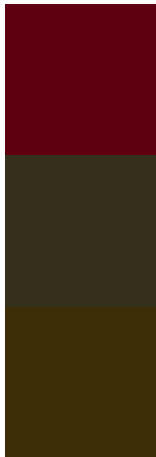


This preview shows how white text looks on a background with the Hex color 5F0011.

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
5F0011

Protanopia
35301B

Deuteranopia
3D2E08



Tritanopia
5F0800

Trichromacy



Original Color

5F0011

Protanomaly

441F17

Deuteranomaly

491D0B

Tritanomaly

5F0506

Monochromacy



Original Color

5F0011

Achromatopsia

1E1E1E

Achromatomaly

361319

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F0011 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 #5F0011 looks like.

```
.text, #text, p{  
    color:#5F0011  
}
```

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 #5F0011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0011
}
```

Border

The CSS property to change the border of an element to Hex 5F0011 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".

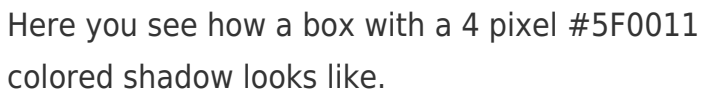
```
.border, #border, table{ border:4px solid
#5F0011 }
```

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

```
.border{ border-color:#5F0011 }
```

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

Here you see how a box with a 4 pixel #5F0011 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 #5F0011 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0011; -webkit-box-shadow:4px 4px  
4px 4px #5F0011; box-shadow:4px 4px 4px  
4px #5F0011 }
```

Background

The CSS property to change the background color of an element to Hex 5F0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0011 }
```

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

```
.background{ background-color:#5F0011 }
```

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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