

Converting Colors

Hex(5B0025)

Have a look what the booklet for
Hex(5B0025) contains.

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Color

Hex(5B0025)

Conversions

Conversions Part 1

Format	Color
Hex	5B0025
RGB	91, 0, 37
RGB Percent	36%, 0%, 15%
CMY	0.6431, 1.0000, 0.8549
CMYK	0.00, 1.00, 0.59, 0.64
HSL	336°, 100%, 18%
HSV	336°, 100%, 36%
XYZ	4.6483, 2.3577, 1.9604
YIQ	31.4270, 42.3590, 30.7990

Conversions

Conversions Part 2

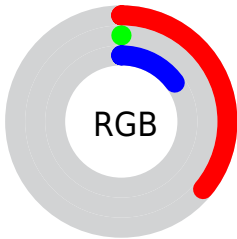
Format	Color
RYB	91, 0, 37
Decimal	5963813
CIELab	17.26, 39.47, 4.93
CIElCh	17, 39.781, 7.119
Yxy	2.3577, 0.5184, 0.2630
Android (android.graphics.Color)	4284153893 (0xFF5B0025)
YUV	31.4270, 2.7475, 52.2455
Hunter-Lab	15.3549, 27.1655, 3.1788

Details

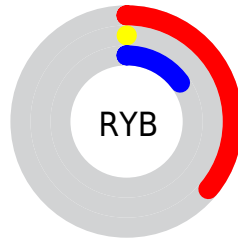
The Hex color **5B0025** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005B36**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **923A51**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5B0025**, and if you desaturate by 10%, it is **5B092A**.

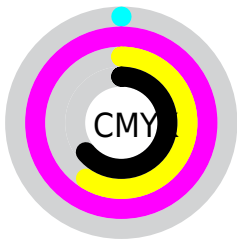
Distribution



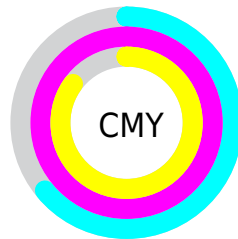
- Red (36%)
- Green (0%)
- Blue (15%)



- Red (36%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0025 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 5B0025 by changing the saturation by 10% instead.

 5B0025

 5B0025

 FFF7FF

 410010

 923A51

 290001

 AE5369

 000000

 CB6D82

 E8879C

 FFA2B7

 FFBED3

 FFDAEF

 5B0025

 5B092A

 5B1230

 5B1B35

 5B243B

 5B2E40

 5B3745

 5B404B

 5B4950

 5B5256

Harmonies

Analogous

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



510B41



5B0025



560F06

Triad

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



5B0025



113200



00335F

Complementary

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



5B0025



005B36

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.



00364D



5B0025



003512

Square

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



5B0025



302C00



003631



002C64

Rectangle

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



5B0025



4D1B00



003631



00355B

Sweetspot

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



5B0025



755260



35005B



3B262E



BABABA



3B3B3B

Same Dimension

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



5B0025



750030



5B0800



2E292B



6E002D



ED0060

Inverse Universe

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



5B0025



750030



00535B



2E292B



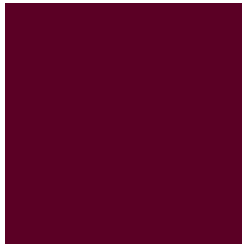
6E002D



ED0060

Previews

White Background



This preview shows how the Hex color 5B0025 looks on a white background.

Color Contrast Check

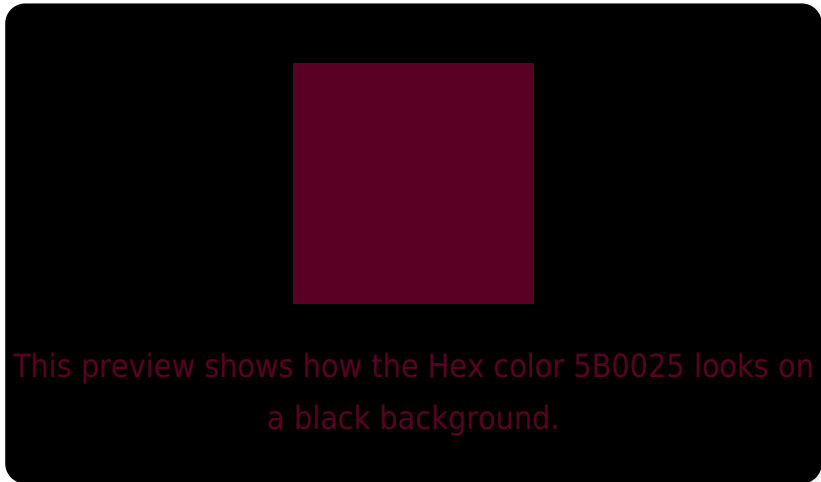
Large Text (above 18pt) WCAG AA ✓ Pass

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

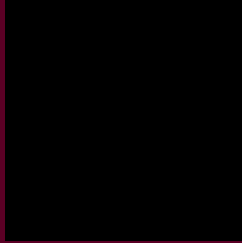
Any Text WCAG AA × Fail

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 5B0025 Background



This preview shows how black text looks on a background with the Hex color 5B0025.



This preview shows how white text looks on a background with the Hex color 5B0025.

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

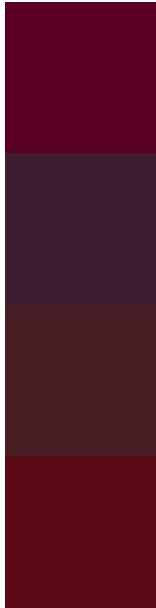


Original Color
5B0025

Protanopia
2E2E36

Deuteranopia
382D21

Trichromacy



Original Color
5B0025

Protanomaly
3E1D30

Deuteranomaly
451D22

Tritanomaly
5A0A16

Monochromacy



Original Color
5B0025

Achromatopsia
1F1F1F

Achromatomaly
351421

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0025 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 #5B0025 looks like.

```
.text, #text, p{  
    color:#5B0025  
}
```

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 #5B0025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0025
}
```

Border

The CSS property to change the border of an element to Hex 5B0025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

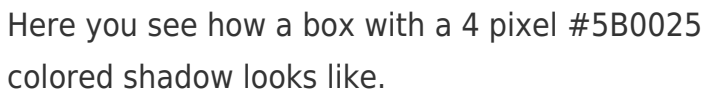
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0025 }
```

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

```
.border{ border-color:#5B0025 }
```

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



Here you see how a box with a 4 pixel #5B0025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0025; -webkit-box-shadow:4px 4px  
4px 4px #5B0025; box-shadow:4px 4px 4px  
4px #5B0025 }
```

Background

The CSS property to change the background color of an element to Hex 5B0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0025 }
```

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

```
.background{ background-color:#5B0025 }
```

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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