

Converting Colors

Hex(5B0034)

Have a look what the booklet for
Hex(5B0034) contains.

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Color

Hex(5B0034)

Conversions

Conversions Part 1

Format	Color
Hex	5B0034
RGB	91, 0, 52
RGB Percent	36%, 0%, 20%
CMY	0.6431, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.43, 0.64
HSL	326°, 100%, 18%
HSV	326°, 100%, 36%
XYZ	4.9342, 2.4721, 3.4659
YIQ	33.1370, 37.5440, 35.4640

Conversions

Conversions Part 2

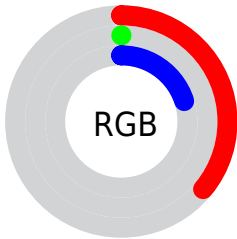
Format	Color
R_{YB}	91, 0, 52
Decimal	5963828
CIE Lab	17.79, 40.87, -5.12
CIE LCh	18, 41.187, 352.855
Yxy	2.4721, 0.4538, 0.2274
Android (android.graphics.Color)	4284153908 (0xFF5B0034)
YUV	33.1370, 9.2995, 50.7459
Hunter-Lab	15.7228, 28.5027, -2.0638

Details

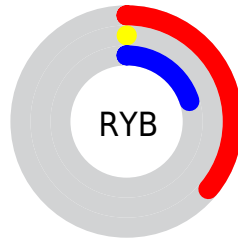
The Hex color **5B0034** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005B27**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **913A62**, and **2B0005** is the 20% darker color. If you saturate the color by 10%, you get **5B0034**, and if you desaturate by 10%, it is **5B0938**.

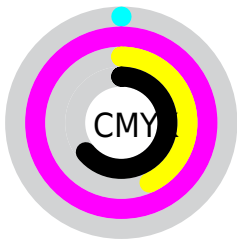
Distribution



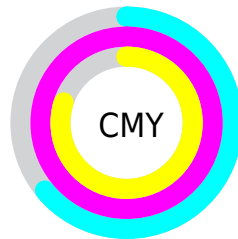
- Red (36%)
- Green (0%)
- Blue (20%)



- Red (36%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0034 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 5B0034 by changing the saturation by 10% instead.

 5B0034

 5B0034

 FFF8FF

 41001F

 913A62

 2B0005

 AD547B

 000000

 C96E95

 E688B0

 FFA3CB

 FFBFE7

 FFDBFF

 5B0034

■ 5B0938

■ 5B123C

■ 5B1B40

■ 5B2444

■ 5B2E47

■ 5B374B

■ 5B404F

■ 5B4953

■ 5B5257

Harmonies

Analogous

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



471550



5B0034



5D0417

Triad

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



5B0034



223100



00375B

Complementary

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



5B0034



005B27

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.



003842



5B0034



003500

Square

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



5B0034



3D2800



003723



003267

Rectangle

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



5B0034



571300



003723



003754

Sweetspot

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



5B0034



755266



26005B



3B2632



BABABA



3B3B3B

Same Dimension

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



5B0034



750043



5B0008



2E292C



6E003F



ED0088

Inverse Universe

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



5B0034



750043



005B53



2E292C



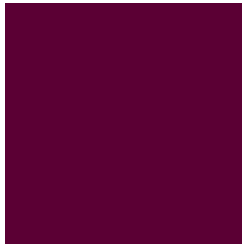
6E003F



ED0088

Previews

White Background



This preview shows how the Hex color 5B0034 looks on a white background.

Color Contrast Check

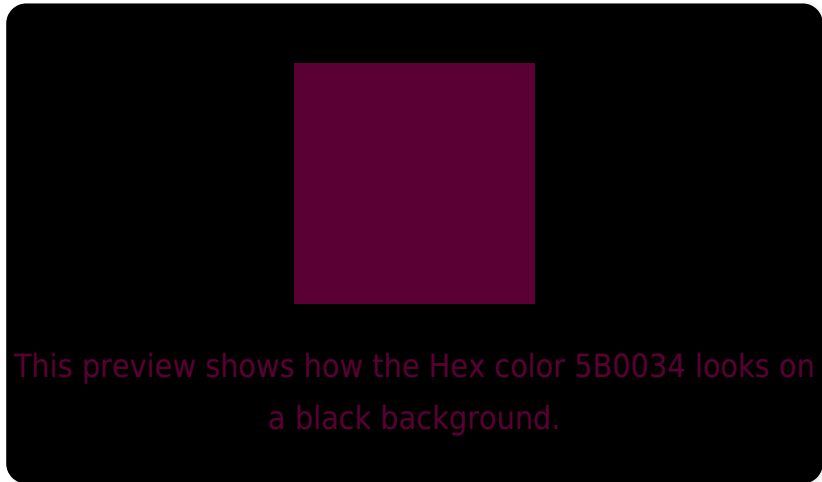
Large Text (above 18pt) WCAG AA ✓ Pass

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

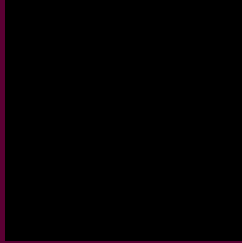
Any Text WCAG AA × Fail

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 5B0034 Background



This preview shows how black text looks on a background with the Hex color 5B0034.



This preview shows how white text looks on a background with the Hex color 5B0034.

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
5B0034

Protanopia
262F4B

Deuteranopia
342E30



Tritanopia
591515

Trichromacy



Original Color
5B0034

Protanomaly
391E43

Deuteranomaly
421D31

Tritanomaly
5A0D20

Monochromacy



Original Color
5B0034

Achromatopsia
212121

Achromatomaly
361528

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0034 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 #5B0034 looks like.

```
.text, #text, p{  
    color:#5B0034  
}
```

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 #5B0034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0034
}
```

Border

The CSS property to change the border of an element to Hex 5B0034 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".

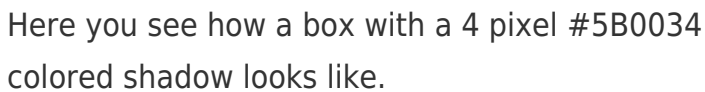
```
.border, #border, table{ border:4px solid
#5B0034 }
```

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

```
.border{ border-color:#5B0034 }
```

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

Here you see how a box with a 4 pixel #5B0034 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0034; -webkit-box-shadow:4px 4px  
4px 4px #5B0034; box-shadow:4px 4px 4px  
4px #5B0034 }
```

Background

The CSS property to change the background color of an element to Hex 5B0034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0034 }
```

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

```
.background{ background-color:#5B0034 }
```

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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