

Converting Colors

Hex(5B0053)

Have a look what the booklet for
Hex(5B0053) contains.

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Color

Hex(5B0053)

Conversions

Conversions Part 1

Format	Color
Hex	5B0053
RGB	91, 0, 83
RGB Percent	36%, 0%, 33%
CMY	0.6431, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.09, 0.64
HSL	305°, 100%, 18%
HSV	305°, 100%, 36%
XYZ	5.8757, 2.8487, 8.4238
YIQ	36.6710, 27.5930, 45.1050

Conversions

Conversions Part 2

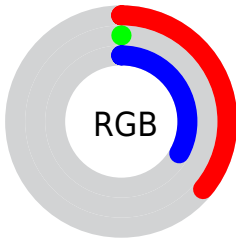
Format	Color
R_{YB}	91, 0, 83
Decimal	5963859
CIE _{Lab}	19.43, 45.00, -24.14
CIE _{LCh}	19, 51.063, 331.789
Yxy	2.8487, 0.3426, 0.1661
Android (android.graphics.Color)	4284153939 (0xFF5B0053)
YUV	36.6710, 22.8402, 47.6465
Hunter-Lab	16.8780, 32.6043, -17.7769

Details

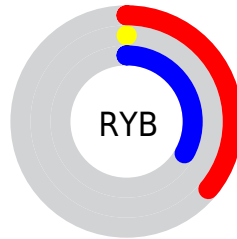
The Hex color **5B0053** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **005B08**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **903C85**, and **2C0026** is the 20% darker color. If you saturate the color by 10%, you get **5B0053**, and if you desaturate by 10%, it is **5B0954**.

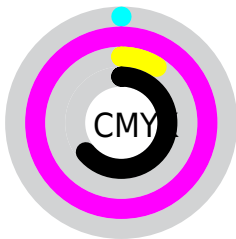
Distribution



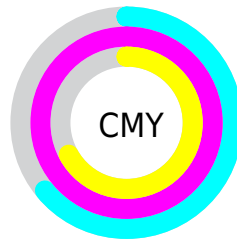
- Red (36%)
- Green (0%)
- Blue (33%)



- Red (36%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B0053 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 5B0053 by changing the saturation by 10% instead.

 5B0053

 5B0053

 FFFCFF

 41003C

 903C85

 2C0026

 AC569F

 00010E

 C870BA

 000000

 E58BD6

 FFA6F3

 FFC2FF

 FFDFFF

 5B0053

 5B0954

 5B1255

 5B1B55

 5B2456

 5B2E57

 5B3758

 5B4059

 5B4959

 5B525A

Harmonies

Analogous

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



282370



5B0053



6C002F

Triad

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



5B0053



392F00



003E56

Complementary

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



5B0053



005B08

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.



003D30



5B0053



103700

Square

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



5B0053



561E00



003C05



003C72

Rectangle

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



5B0053



6C0017



003C05



003E4A

Sweetspot

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



5B0053



755272



08005B



3B2639



BABABA



3B3B3B

Same Dimension

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



5B0053



75006B



5B0026



2E292D



6E0064



ED00D8

Inverse Universe

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



5B0053



75006B



005B35



2E292D



6E0064



ED00D8

Previews

White Background



This preview shows how the Hex color 5B0053 looks on a white background.

Color Contrast Check

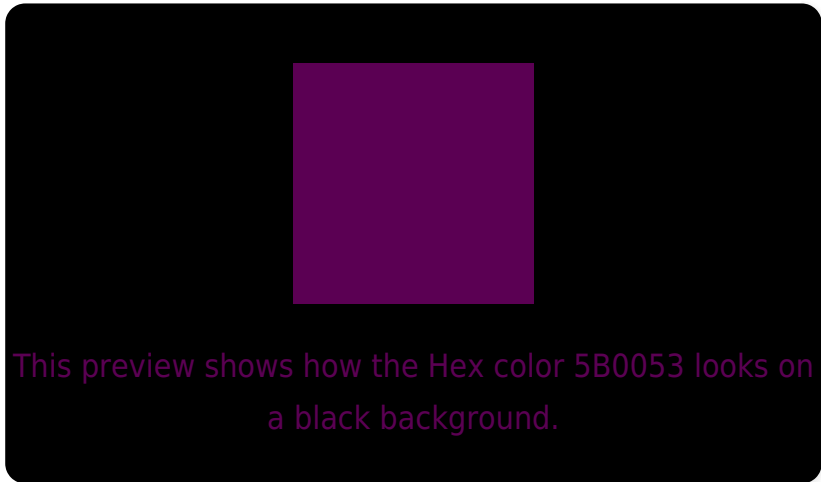
Large Text (above 18pt) WCAG AA ✓ Pass

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

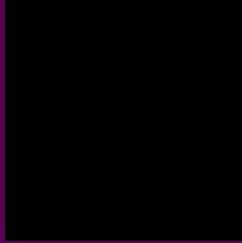
Any Text WCAG AA × Fail

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 5B0053 Background



This preview shows how black text looks on a background with the Hex color 5B0053.

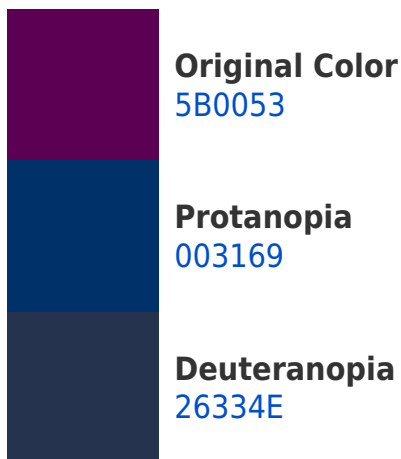


This preview shows how white text looks on a background with the Hex color 5B0053.

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



Trichromacy



Original Color
5B0053

Protanomaly
211F61

Deuteranomaly
392050

Tritanomaly
581534

Monochromacy



Original Color
5B0053

Achromatopsia
252525

Achromatomaly
391836

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0053 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 #5B0053 looks like.

```
.text, #text, p{  
    color:#5B0053  
}
```

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 #5B0053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0053
}
```

Border

The CSS property to change the border of an element to Hex 5B0053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

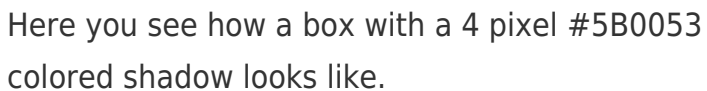
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0053 }
```

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

```
.border{ border-color:#5B0053 }
```

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



Here you see how a box with a 4 pixel #5B0053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0053; -webkit-box-shadow:4px 4px  
4px 4px #5B0053; box-shadow:4px 4px 4px  
4px #5B0053 }
```

Background

The CSS property to change the background color of an element to Hex 5B0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0053 }
```

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

```
.background{ background-color:#5B0053 }
```

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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