

Converting Colors

Hex(530059)

Have a look what the booklet for
Hex(530059) contains.

Hex(530059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(530059)

Conversions

Conversions Part 1

Format	Color
Hex	530059
RGB	83, 0, 89
RGB Percent	33%, 0%, 35%
CMY	0.6745, 1.0000, 0.6510
CMYK	0.07, 1.00, 0.00, 0.65
HSL	296°, 100%, 17%
HSV	296°, 100%, 35%
XYZ	5.3705, 2.5603, 9.6623
YIQ	34.9630, 20.8990, 45.2750

Conversions

Conversions Part 2

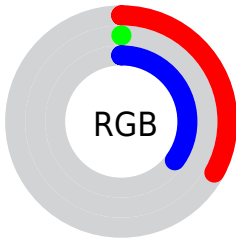
Format	Color
R_YB	83, 0, 89
Decimal	5439577
CIE _{Lab}	18.19, 44.50, -30.26
CIE _{LCh}	18, 53.813, 325.782
Yxy	2.5603, 0.3053, 0.1455
Android (android.graphics.Color)	4283629657 (0xFF530059)
YUV	34.9630, 26.6402, 42.1284
Hunter-Lab	16.0008, 31.9095, -24.6025

Details

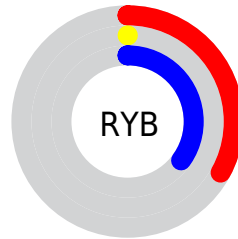
The Hex color **530059** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **065900**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **883B8C**, and **24002B** is the 20% darker color. If you saturate the color by 10%, you get **530059**, and if you desaturate by 10%, it is **540959**.

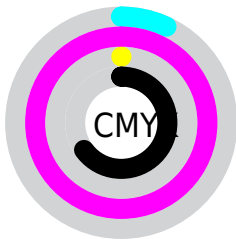
Distribution



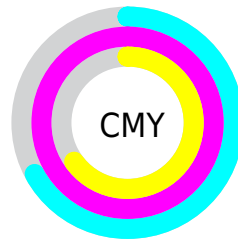
- Red (33%)
- Green (0%)
- Blue (35%)



- Red (33%)
- Yellow (0%)
- Blue (35%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (67%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 530059 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 530059 by changing the saturation by 10% instead.

 530059

 530059

 FFF9FF

 3A0041

 883B8C

 24002B

 A354A6

 000115

 BF6EC2

 000000

 DB89DE

 F9A4FA

 FFC0FF

 FFD0FF

 530059

■ 540959

■ 541259

■ 551B59

■ 552459

■ 562D59

■ 573559

■ 573E59

■ 584759

■ 585059

Harmonies

Analogous

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



002574



530059



6A0034

Triad

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



530059



3D2900



003B4E

Complementary

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



530059



065900

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.



003B26



530059



153400

Square

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



530059



591300



003800



003A6E

Rectangle

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



530059



6C001A



003800



003B41

Sweetspot

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



530059



705073



000759



39263B



BABABA



3B3B3B

Same Dimension

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



530059



6B0073



590034



2B272B



64006B



DB00EB

Inverse Universe

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



590006



730008



005925



2B2727



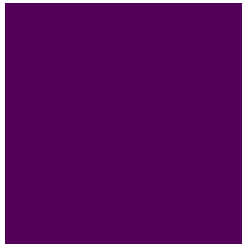
6B0007



EB0010

Previews

White Background



This preview shows how the Hex color 530059 looks on a white background.

Color Contrast Check

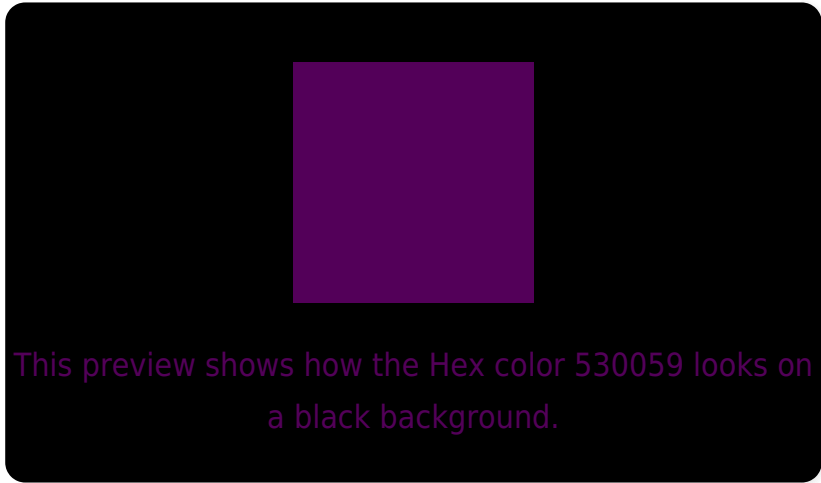
Large Text (above 18pt) WCAG AA ✓ Pass

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

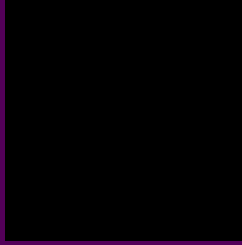
Any Text WCAG AA × Fail

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 530059 Background



This preview shows how black text looks on a background with the Hex color 530059.



This preview shows how white text looks on a background with the Hex color 530059.

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
530059

Protanopia
002F63

Deuteranopia
153154

Trichromacy



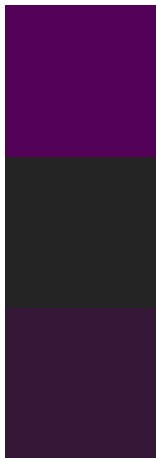
Original Color
530059

Protanomaly
1E1E5F

Deuteranomaly
2C1F56

Tritanomaly
4F1638

Monochromacy



Original Color
530059

Achromatopsia
232323

Achromatomaly
341637

CSS Examples

Text

The CSS property to change the color of the text to Hex 530059 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 #530059 looks like.

```
.text, #text, p{  
    color:#530059  
}
```

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 #530059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530059
}
```

Border

The CSS property to change the border of an element to Hex 530059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

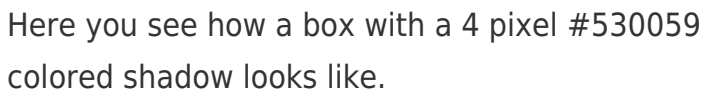
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#530059 }
```

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

```
.border{ border-color:#530059 }
```

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



Here you see how a box with a 4 pixel #530059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530059; -webkit-box-shadow:4px 4px  
4px 4px #530059; box-shadow:4px 4px 4px  
4px #530059 }
```

Background

The CSS property to change the background color of an element to Hex 530059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530059 }
```

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

```
.background{ background-color:#530059 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor