

Converting Colors

Hex(530058)

Have a look what the booklet for
Hex(530058) contains.

| | |
|--|----|
| Hex(530058) | 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(530058)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 530058 |
| RGB | 83, 0, 88 |
| RGB Percent | 33%, 0%, 35% |
| CMY | 0.6745, 1.0000, 0.6549 |
| CMYK | 0.06, 1.00, 0.00, 0.65 |
| HSL | 297°, 100%, 17% |
| HSV | 297°, 100%, 35% |
| XYZ | 5.3287, 2.5436, 9.4426 |
| YIQ | 34.8490, 21.2200, 44.9640 |

Conversions

Conversions Part 2

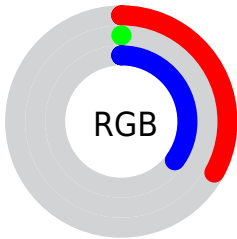
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 83, 0, 88 |
| Decimal | 5439576 |
| CIE _{Lab} | 18.11, 44.32, -29.71 |
| CIE _{LCh} | 18, 53.356, 326.166 |
| Yxy | 2.5436, 0.3078, 0.1469 |
| Android (android.graphics.Color) | 4283629656 (0xFF530058) |
| YUV | 34.8490, 26.2034, 42.2284 |
| Hunter-Lab | 15.9486, 31.7302, -23.9396 |

Details

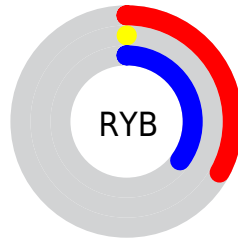
The Hex color **530058** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **055800**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **883B8A**, and **24002A** is the 20% darker color. If you saturate the color by 10%, you get **530058**, and if you desaturate by 10%, it is **540958**.

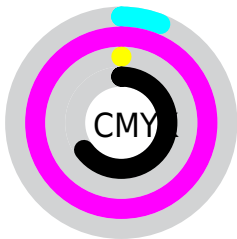
Distribution



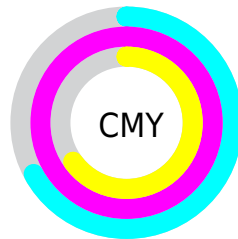
- Red (33%)
- Green (0%)
- Blue (35%)



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



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 530058 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 530058 by changing the saturation by 10% instead.

 530058

 530058

 FFF9FF

 3A0040

 883B8A

 24002A

 A354A5

 000114

 BF6EC0

 000000

 DB89DC

 F9A4F9

 FFC0FF

 FFD0FF

 530058

■ 540958

■ 541258

■ 551A58

■ 552358

■ 562C58

■ 563558

■ 573E58

■ 574658

■ 584F58

Harmonies

Analogous

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



022473



530058



690033

Triad

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



530058



3C2900



003B4E

Complementary

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



530058



055800

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.



003A26



530058



153400

Square

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



530058



581400



003800



003A6D

Rectangle

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



530058



6B001A



003800



003B41

Sweetspot

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



530058



715073



000658



39263B



BABABA



3B3B3B

Same Dimension

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



530058



6C0073



580032



2B272B



65006B



DD00EB

Inverse Universe

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



580005



730007



005826



2B2727



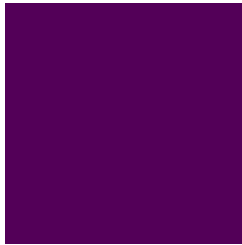
6B0006



EB000D

Previews

White Background



This preview shows how the Hex color 530058 looks on a white background.

Color Contrast Check

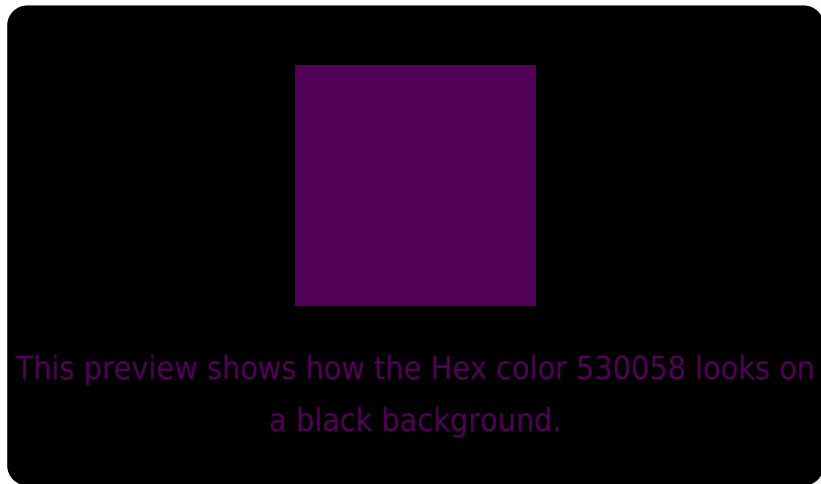
Large Text (above 18pt) WCAG AA ✓ Pass

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

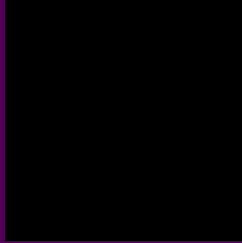
Any Text WCAG AA × Fail

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 530058 Background



This preview shows how black text looks on a background with the Hex color 530058.



This preview shows how white text looks on a background with the Hex color 530058.

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





Tritanopia
4D2325

Trichromacy



Original Color
530058

Protanomaly
1E1E5F

Deuteranomaly
2C1F55

Tritanomaly
4F1638

Monochromacy



Original Color
530058

Achromatopsia
232323

Achromatomaly
341636

CSS Examples

Text

The CSS property to change the color of the text to Hex 530058 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 #530058 looks like.

```
.text, #text, p{  
    color:#530058  
}
```

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 #530058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530058
}
```

Border

The CSS property to change the border of an element to Hex 530058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

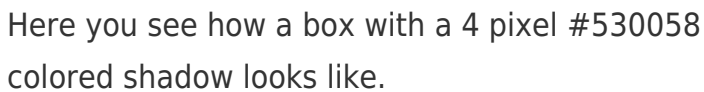
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#530058 }
```

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

```
.border{ border-color:#530058 }
```

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



Here you see how a box with a 4 pixel #530058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530058; -webkit-box-shadow:4px 4px  
4px 4px #530058; box-shadow:4px 4px 4px  
4px #530058 }
```

Background

The CSS property to change the background color of an element to Hex 530058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530058 }
```

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

```
.background{ background-color:#530058 }
```

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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