

Converting Colors

Hex(580045)

Have a look what the booklet for
Hex(580045) contains.

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Color

Hex(580045)

Conversions

Conversions Part 1

Format	Color
Hex	580045
RGB	88, 0, 69
RGB Percent	35%, 0%, 27%
CMY	0.6549, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.22, 0.65
HSL	313°, 100%, 17%
HSV	313°, 100%, 35%
XYZ	5.0987, 2.5044, 5.8449
YIQ	34.1780, 30.2990, 40.1150

Conversions

Conversions Part 2

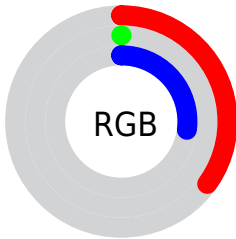
Format	Color
R_{YB}	88, 0, 69
Decimal	5767237
CIE _{Lab}	17.94, 42.29, -16.93
CIE _{LCh}	18, 45.549, 338.179
Yxy	2.5044, 0.3791, 0.1862
Android (android.graphics.Color)	4283957317 (0xFF580045)
YUV	34.1780, 17.1672, 47.2019
Hunter-Lab	15.8252, 29.8162, -10.8205

Details

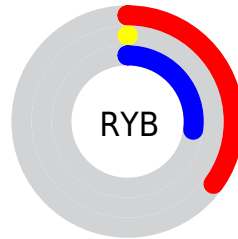
The Hex color **580045** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **005813**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **8D3B75**, and **29001A** is the 20% darker color. If you saturate the color by 10%, you get **580045**, and if you desaturate by 10%, it is **580947**.

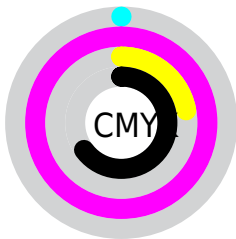
Distribution



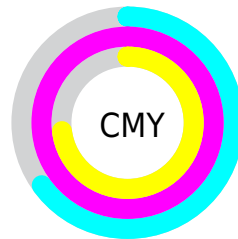
- Red (35%)
- Green (0%)
- Blue (27%)



- Red (35%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580045 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 580045 by changing the saturation by 10% instead.

 580045


 580045

 FFF9FF

 3F002F

 8D3B75

 29001A

 A9548F

 000000

 C56EAA

 E289C5

 FFA4E1

 FFBFFE

 FFDCCF

 580045

■ 580947

■ 581249

■ 581A4B

■ 58234D

■ 582C4F

■ 583550

■ 583E52

■ 584654

■ 584F56

Harmonies

Analogous

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



351D60



580045



630025

Triad

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



580045



2F2E00



003954

Complementary

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



580045



005813

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.



003934



580045



073400

Square

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



580045



4A2100



003811



00366A

Rectangle

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



580045



60000F



003811



00394A

Sweetspot

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



580045



73506B



120058



3B2636



BABABA



3B3B3B

Same Dimension

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



580045



73005A



58001A



2B272A



6B0054



EB00B8

Inverse Universe

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



580045



73005A



00583E



2B272A



6B0054



EB00B8

Previews

White Background



This preview shows how the Hex color 580045 looks on a white background.

Color Contrast Check

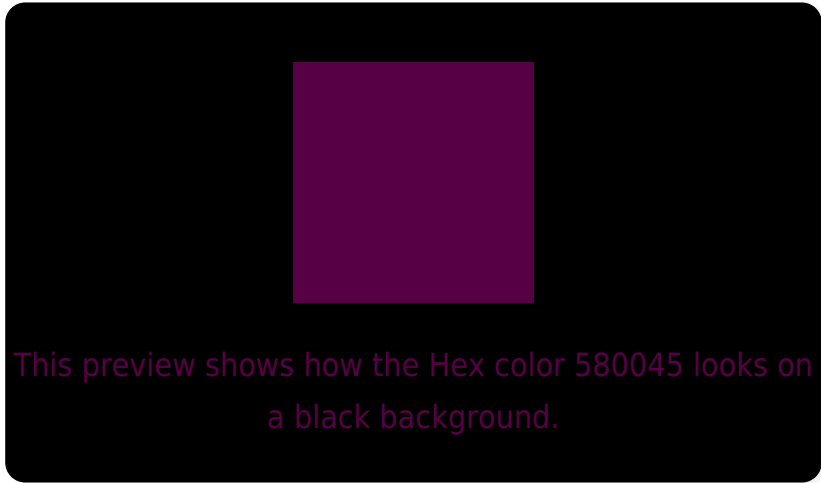
Large Text (above 18pt) WCAG AA ✓ Pass

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

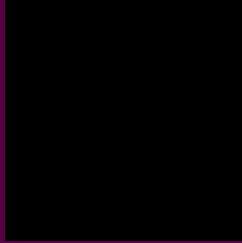
Any Text WCAG AA × Fail

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 580045 Background



This preview shows how black text looks on a background with the Hex color 580045.

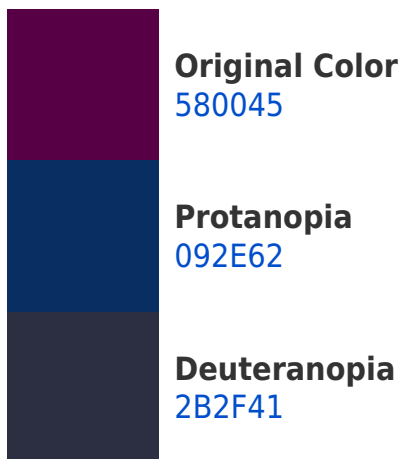


This preview shows how white text looks on a background with the Hex color 580045.

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
551B1D

Trichromacy



Original Color
580045

Protanomaly
261D57

Deuteranomaly
3B1E42

Tritanomaly
56112C

Monochromacy



Original Color
580045

Achromatopsia
222222

Achromatomaly
36162F

CSS Examples

Text

The CSS property to change the color of the text to Hex 580045 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 #580045 looks like.

```
.text, #text, p{  
    color:#580045  
}
```

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 #580045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580045
}
```

Border

The CSS property to change the border of an element to Hex 580045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

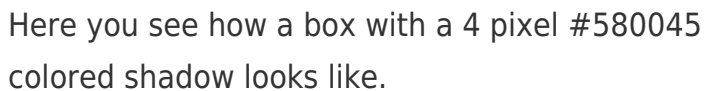
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580045 }
```

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

```
.border{ border-color:#580045 }
```

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



Here you see how a box with a 4 pixel #580045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580045; -webkit-box-shadow:4px 4px  
4px 4px #580045; box-shadow:4px 4px 4px  
4px #580045 }
```

Background

The CSS property to change the background color of an element to Hex 580045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580045 }
```

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

```
.background{ background-color:#580045 }
```

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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