

Converting Colors

Hex(580841)

Have a look what the booklet for
Hex(580841) contains.

Hex(580841)	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(580841)

Conversions

Conversions Part 1

Format	Color
Hex	580841
RGB	88, 8, 65
RGB Percent	35%, 3%, 25%
CMY	0.6549, 0.9686, 0.7451
CMYK	0.00, 0.91, 0.26, 0.65
HSL	317°, 83%, 19%
HSV	317°, 91%, 35%
XYZ	5.0655, 2.6300, 5.2417
YIQ	38.4180, 29.3830, 34.6870

Conversions

Conversions Part 2

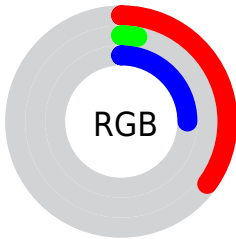
Format	Color
R_{YB}	88, 8, 65
Decimal	5769281
CIE _{Lab}	18.50, 39.47, -13.28
CIE _{LCh}	18, 41.642, 341.405
Yxy	2.6300, 0.3915, 0.2033
Android (android.graphics.Color)	4283959361 (0xFF580841)
YUV	38.4180, 13.1049, 43.4834
Hunter-Lab	16.2174, 27.3739, -7.8113

Details

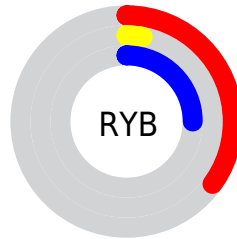
The Hex color **580841** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **08581F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8D3F71**, and **290017** is the 20% darker color. If you saturate the color by 10%, you get **58003F**, and if you desaturate by 10%, it is **581144**.

Distribution



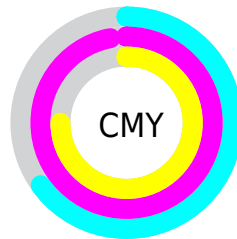
- Red (35%)
- Green (3%)
- Blue (25%)



- Red (35%)
- Yellow (3%)
- Blue (25%)



- Cyan (0%)
- Magenta (91%)
- Yellow (26%)
- Black (65%)



- Cyan (65%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580841 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 580841 by changing the saturation by 10% instead.

 580841

 580841

 FFFCFF

 3F002B

 8D3F71

 290017

 A8588A

 000000

 C472A5

 E18CC0

 FEA7DC

 FFC3F8

 FFDFFF

 580841

 580841

■ 58003F

■ 581144

■ 581A46

■ 582249

■ 582B4B

■ 58344E

■ 583D50

■ 584653

■ 584E55

■ 585758

Harmonies

Analogous

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



3B1E5B



580841



600023

Triad

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



580841



2E2F00



003955

Complementary

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



580841



08581F

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.



003A38



580841



0A3600

Square

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



580841



482400



003918



003667

Rectangle

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



580841



5D0C0F



003918



003A4C

Sweetspot

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



580841



73546A



1F0858



3B2835



BABABA



3B3B3B

Same Dimension

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



580841



730052



580819



2B272A



6B004C



EB00A7

Inverse Universe

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



580841



730052



085847



2B272A



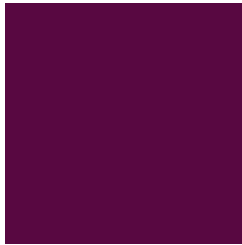
6B004C



EB00A7

Previews

White Background



This preview shows how the Hex color 580841 looks on a white background.

Color Contrast Check

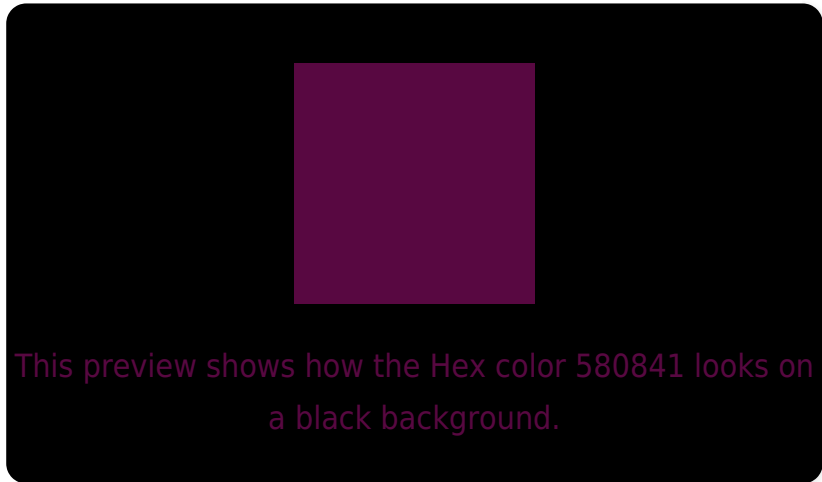
Large Text (above 18pt) WCAG AA ✓ Pass

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

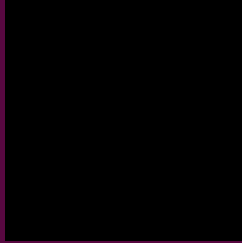
Any Text WCAG AA × Fail

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 580841 Background



This preview shows how black text looks on a background with the Hex color 580841.

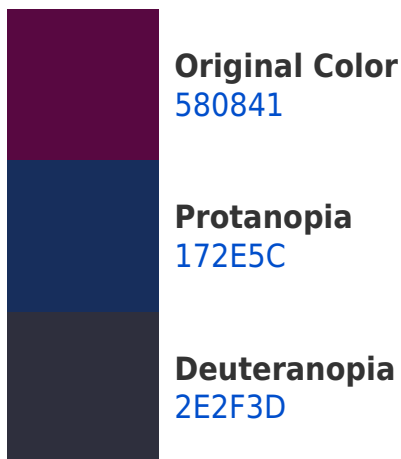


This preview shows how white text looks on a background with the Hex color 580841.

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
580841

Protanomaly
2F2052

Deuteranomaly
3D213E

Tritanomaly
561329

Monochromacy



Original Color
580841

Achromatopsia
262626

Achromatomaly
381B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 580841 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 #580841 looks like.

```
.text, #text, p{  
    color:#580841  
}
```

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 #580841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580841
}
```

Border

The CSS property to change the border of an element to Hex 580841 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".

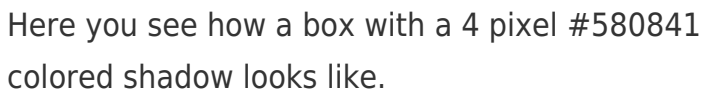
```
.border, #border, table{ border:4px solid
#580841 }
```

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

```
.border{ border-color:#580841 }
```

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

Here you see how a box with a 4 pixel #580841 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a dark purple border and a dark purple shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580841; -webkit-box-shadow:4px 4px  
4px 4px #580841; box-shadow:4px 4px 4px  
4px #580841 }
```

Background

The CSS property to change the background color of an element to Hex 580841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580841 }
```

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

```
.background{ background-color:#580841 }
```

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