

Converting Colors

Hex(580021)

Have a look what the booklet for
Hex(580021) contains.

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Color

Hex(580021)

Conversions

Conversions Part 1

Format	Color
Hex	580021
RGB	88, 0, 33
RGB Percent	35%, 0%, 13%
CMY	0.6549, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.62, 0.65
HSL	338°, 100%, 17%
HSV	338°, 100%, 35%
XYZ	4.2990, 2.1845, 1.6339
YIQ	30.0740, 41.8550, 28.9190

Conversions

Conversions Part 2

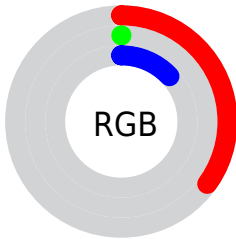
Format	Color
R_{YB}	88, 0, 33
Decimal	5767201
CIE Lab	16.43, 38.38, 6.58
CIE LCh	16, 38.935, 9.727
Yxy	2.1845, 0.5296, 0.2691
Android (android.graphics.Color)	4283957281 (0xFF580021)
YUV	30.0740, 1.4425, 50.8011
Hunter-Lab	14.7801, 26.0543, 3.7917

Details

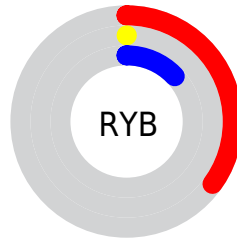
The Hex color **580021** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005837**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **8F394D**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **580021**, and if you desaturate by 10%, it is **580927**.

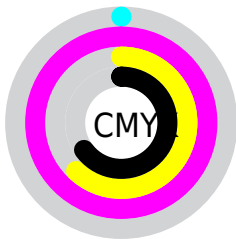
Distribution



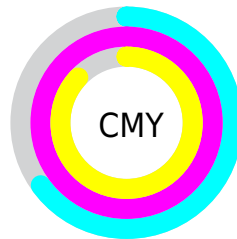
- Red (35%)
- Green (0%)
- Blue (13%)



- Red (35%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580021 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 580021 by changing the saturation by 10% instead.

 580021

 580021

 FFF5FF

 3E000A

 8F394D

 250001

 AB5265

 000000

 C86C7D

 E58697

 FFA1B2

 FFBCCD

 FFD9EA

 580021

■ 580927

■ 58122C

■ 581A32

■ 582337

■ 582C3D

■ 583542

■ 583E48

■ 58464D

■ 584F53

Harmonies

Analogous

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



4F083D



580021



531001

Triad

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



580021



0C3000



00315D

Complementary

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



580021



005837

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.



00344C



580021



003314

Square

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



580021



2B2A00



003431



002960

Rectangle

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



580021



491B00



003431



003259

Sweetspot

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



580021



73505D



360058



3B262D



BABABA



3B3B3B

Same Dimension

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



580021



73002B



580A00



2B2729



6B0028



EB0058

Inverse Universe

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



580021



73002B



004E58



2B2729



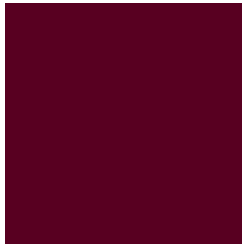
6B0028



EB0058

Previews

White Background



This preview shows how the Hex color 580021 looks on a white background.

Color Contrast Check

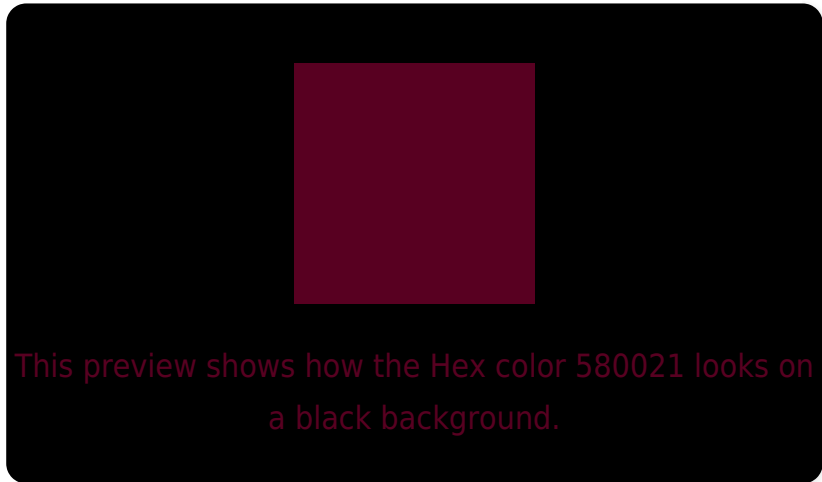
Large Text (above 18pt) WCAG AA ✓ Pass

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 580021 Background



This preview shows how black text looks on a background with the Hex color 580021.



This preview shows how white text looks on a background with the Hex color 580021.

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

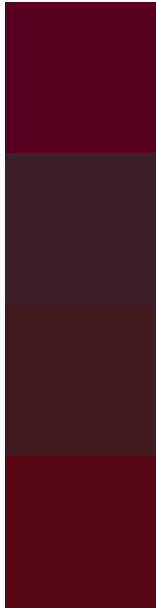


Original Color
580021

Protanopia
2D2D30

Deuteranopia
362B1D

Trichromacy



Original Color
580021

Protanomaly
3D1D2B

Deuteranomaly
421B1E

Tritanomaly
570814

Monochromacy



Original Color
580021

Achromatopsia
1E1E1E

Achromatomaly
33131F

CSS Examples

Text

The CSS property to change the color of the text to Hex 580021 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 #580021 looks like.

```
.text, #text, p{  
    color:#580021  
}
```

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 #580021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580021
}
```

Border

The CSS property to change the border of an element to Hex 580021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

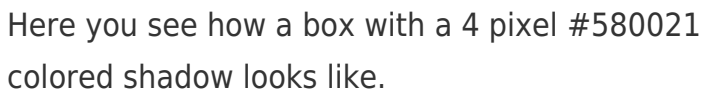
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580021 }
```

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

```
.border{ border-color:#580021 }
```

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



Here you see how a box with a 4 pixel #580021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580021; -webkit-box-shadow:4px 4px  
4px 4px #580021; box-shadow:4px 4px 4px  
4px #580021 }
```

Background

The CSS property to change the background color of an element to Hex 580021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580021 }
```

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

```
.background{ background-color:#580021 }
```

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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