

Converting Colors

Hex(580310)

Have a look what the booklet for
Hex(580310) contains.

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Color

Hex(580310)

Conversions

Conversions Part 1

Format	Color
Hex	580310
RGB	88, 3, 16
RGB Percent	35%, 1%, 6%
CMY	0.6549, 0.9882, 0.9373
CMYK	0.00, 0.97, 0.82, 0.65
HSL	351°, 93%, 18%
HSV	351°, 97%, 35%
XYZ	4.1506, 2.1772, 0.6917
YIQ	29.8970, 46.4870, 22.0630

Conversions

Conversions Part 2

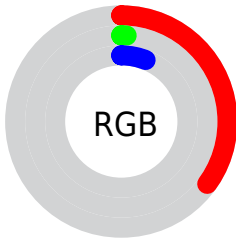
Format	Color
R_{YB}	88, 3, 16
Decimal	5767952
CIE Lab	16.39, 36.46, 18.37
CIE LCh	16, 40.822, 26.739
Yxy	2.1772, 0.5913, 0.3102
Android (android.graphics.Color)	4283958032 (0xFF580310)
YUV	29.8970, -6.8512, 50.9563
Hunter-Lab	14.7555, 24.3884, 7.5495

Details

The Hex color **580310** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03584B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **903A3A**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **58000D**, and if you desaturate by 10%, it is **580C17**.

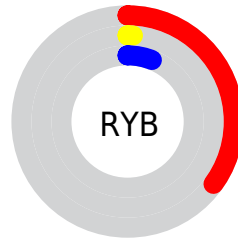
Distribution



Red (35%)

Green (1%)

Blue (6%)



Red (35%)

Yellow (1%)

Blue (6%)

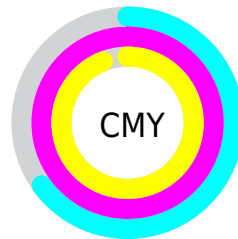


Cyan (0%)

Magenta (97%)

Yellow (82%)

Black (65%)



Cyan (65%)

Magenta (99%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580310 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 580310 by changing the saturation by 10% instead.

 580310

 580310

 FFF6EF

 3D0000

 903A3A

 230001

 AC5351

 000000

 CA6C69

 E78782

 FFA19C

 FFBDB7

 FFD9D3

 580310

 580310

■ 58000D

■ 580C17

■ 58151F

■ 581D26

■ 58262E

■ 582F35

■ 58383D

■ 584144

■ 58494C

■ 585253

Harmonies

Analogous

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



58002D



580310



4B1900

Triad

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



580310



003201



002E64

Complementary

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



580310



03584B

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.



003359



580310



003424

Square

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



580310



1A2E00



003542



1A225D

Rectangle

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



580310



3E2300



003542



003062

Sweetspot

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



580310



735157



4A0358



3B2629



BABABA



3B3B3B

Same Dimension

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



580310



730012



581F03



2B2728



6B0010



EB0024

Inverse Universe

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



580310



730012



033C58



2B2728



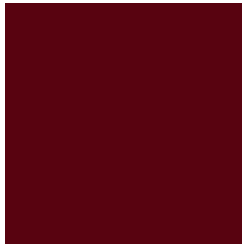
6B0010



EB0024

Previews

White Background



This preview shows how the Hex color 580310 looks on a white background.

Color Contrast Check

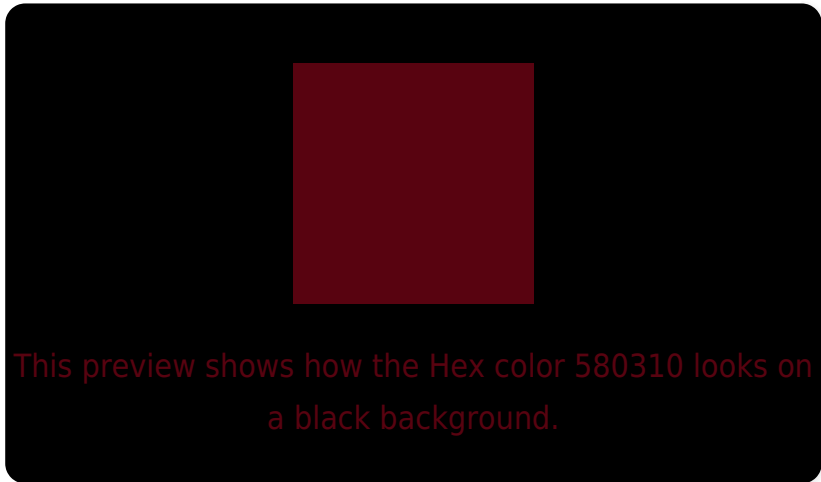
Large Text (above 18pt) WCAG AA ✓ Pass

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

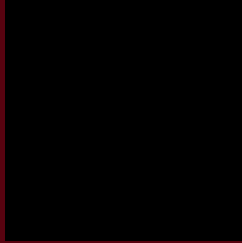
Any Text WCAG AA × Fail

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 580310 Background



This preview shows how black text looks on a background with the Hex color 580310.



This preview shows how white text looks on a background with the Hex color 580310.

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
580310

Protanopia
312D19

Deuteranopia
382A08



Tritanopia
580800

Trichromacy



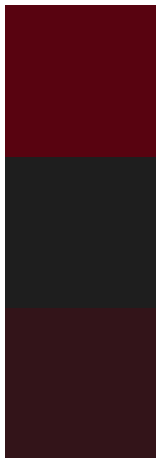
Original Color
580310

Protanomaly
3F1E16

Deuteranomaly
441C0B

Tritanomaly
580606

Monochromacy



Original Color
580310

Achromatopsia
1E1E1E

Achromatomaly
331419

CSS Examples

Text

The CSS property to change the color of the text to Hex 580310 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 #580310 looks like.

```
.text, #text, p{  
    color:#580310  
}
```

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 #580310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580310
}
```

Border

The CSS property to change the border of an element to Hex 580310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

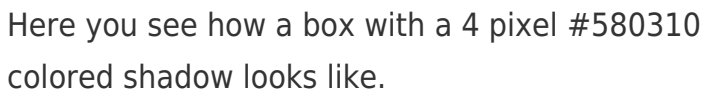
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580310 }
```

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

```
.border{ border-color:#580310 }
```

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



Here you see how a box with a 4 pixel #580310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580310; -webkit-box-shadow:4px 4px  
4px 4px #580310; box-shadow:4px 4px 4px  
4px #580310 }
```

Background

The CSS property to change the background color of an element to Hex 580310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580310 }
```

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

```
.background{ background-color:#580310 }
```

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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