

Converting Colors

Hex(580E3A)

Have a look what the booklet for
Hex(580E3A) contains.

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Color

Hex(580E3A)

Conversions

Conversions Part 1

Format	Color
Hex	580E3A
RGB	88, 14, 58
RGB Percent	35%, 5%, 23%
CMY	0.6549, 0.9451, 0.7725
CMYK	0.00, 0.84, 0.34, 0.65
HSL	324°, 73%, 20%
HSV	324°, 84%, 35%
XYZ	4.9453, 2.6943, 4.2624
YIQ	41.1420, 29.9800, 29.3720

Conversions

Conversions Part 2

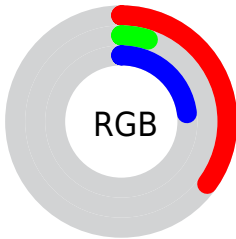
Format	Color
R_{YB}	88, 14, 58
Decimal	5770810
CIE Lab	18.78, 36.77, -7.95
CIE LCh	19, 37.617, 347.797
Yxy	2.6943, 0.4155, 0.2264
Android (android.graphics.Color)	4283960890 (0xFF580E3A)
YUV	41.1420, 8.3110, 41.0945
Hunter-Lab	16.4142, 25.0534, -3.9062




Details

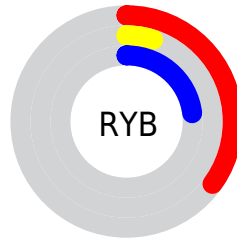
The Hex color **580E3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0E582C**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **8D4269**, and **2A000F** is the 20% darker color. If you saturate the color by 10%, you get **580536**, and if you desaturate by 10%, it is **58173E**.

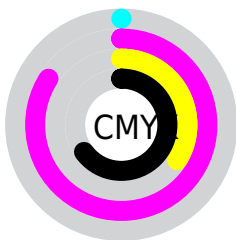
Distribution







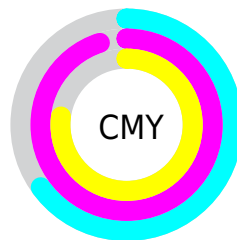
-  Red (35%)
-  Green (5%)
-  Blue (23%)






-  Red (35%)
-  Yellow (5%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (84%)
-  Yellow (34%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (95%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580E3A 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 580E3A by changing the saturation by 10% instead.



580E3A



580E3A

FFFFFF



3F0024



8D4269



2A000F



A85B82



000000



C4749C



E18FB7



FFAAD3



FFC6EF



FFE2FF



580E3A



580E3A

■ 580536

■ 58173E

■ 580034

■ 582041

■ 582845

■ 583148

■ 583A4C

■ 58434F

■ 584C53

■ 585457

■ 585D5A

Harmonies

Analogous

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



421E53



580E3A



5D0D1F

Triad

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



580E3A



2B3100



003856

Complementary

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



580E3A



0E582C

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.



003A3E



580E3A



033602

Square

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



580E3A



432800



003921



003463

Rectangle

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



580E3A



58160C



003921



00394F

Sweetspot

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



580E3A



735667



2C0E58



3B2934



BABABA



3B3B3B

Same Dimension

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



580E3A



730044



580E15



2B272A



6B0040



EB008B

Inverse Universe

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



580E3A



730044



0E5851



2B272A



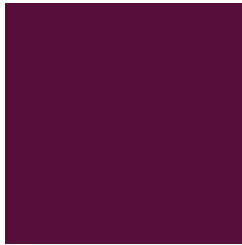
6B0040



EB008B

Previews

White Background



This preview shows how the Hex color 580E3A looks on a white background.

Color Contrast Check

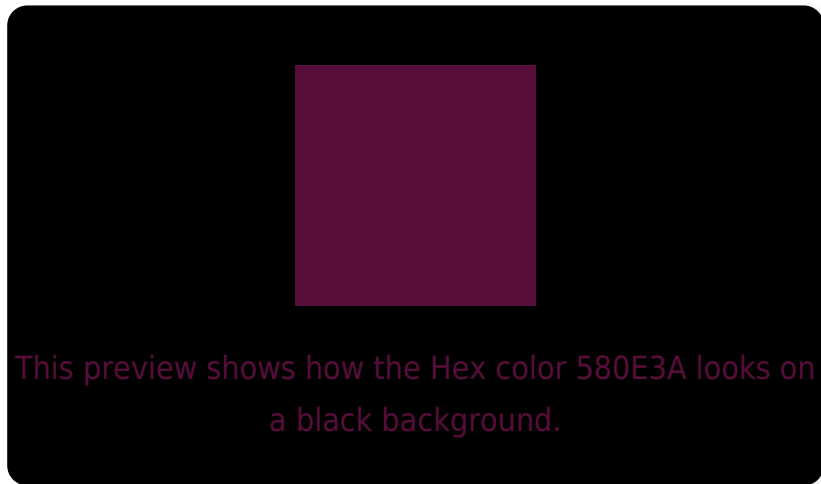
Large Text (above 18pt) WCAG AA ✓ Pass

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

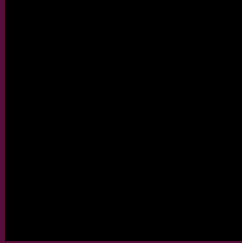
Any Text WCAG AA × Fail

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 580E3A Background



This preview shows how black text looks on a background with the Hex color 580E3A.



This preview shows how white text looks on a background with the Hex color 580E3A.

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
580E3A

Protanopia
222F50

Deuteranopia
322F36



Tritanopia
561A1B

Trichromacy



Original Color
580E3A

Protanomaly
362348

Deuteranomaly
402337

Tritanomaly
571626

Monochromacy



Original Color
580E3A

Achromatopsia
292929

Achromatomaly
3A1F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 580E3A 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 #580E3A looks like.

```
.text, #text, p{  
    color:#580E3A  
}
```

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 #580E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580E3A
}
```

Border

The CSS property to change the border of an element to Hex 580E3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

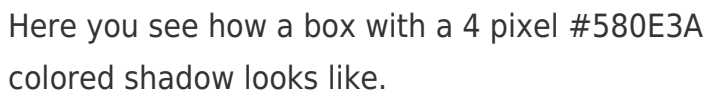
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580E3A }
```

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

```
.border{ border-color:#580E3A }
```

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



Here you see how a box with a 4 pixel #580E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580E3A; -webkit-box-shadow:4px 4px  
4px 4px #580E3A; box-shadow:4px 4px 4px  
4px #580E3A }
```

Background

The CSS property to change the background color of an element to Hex 580E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580E3A }
```

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

```
.background{ background-color:#580E3A }
```

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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