

Converting Colors

Hex(582031)

Have a look what the booklet for
Hex(582031) contains.

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Color

Hex(582031)

Conversions

Conversions Part 1	
Format	Color
Hex	582031
RGB	88, 32, 49
RGB Percent	35%, 13%, 19%
CMY	0.6549, 0.8745, 0.8078
CMYK	0.00, 0.64, 0.44, 0.65
HSL	342°, 47%, 24%
HSV	342°, 64%, 35%
XYZ	5.0954, 3.3295, 3.2798
YIQ	50.6820, 27.9190, 17.1590

Conversions

Conversions Part 2

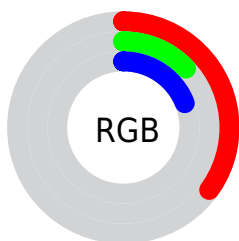
Format	Color
RYB	88, 32, 49
Decimal	5775409
CIELab	21.32, 27.68, 2.11
CIELCh	21, 27.759, 4.364
Yxy	3.3295, 0.4353, 0.2845
Android (android.graphics.Color)	4283965489 (0xFF582031)
YUV	50.6820, -0.8292, 32.7279
Hunter-Lab	18.2469, 17.9137, 2.1156

Details

The Hex color **582031** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **205847**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8C4F5F**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **58172B**, and if you desaturate by 10%, it is **582937**.

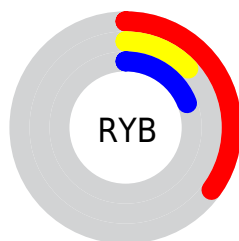
Distribution



Red (35%)

Green (13%)

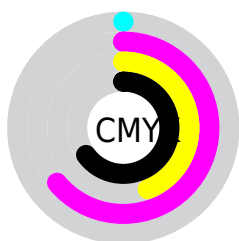
Blue (19%)



Red (35%)

Yellow (13%)

Blue (19%)

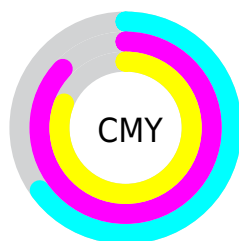


Cyan (0%)

Magenta (64%)

Yellow (44%)

Black (65%)



Cyan (65%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582031 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 582031 by changing the saturation by 10% instead.

 582031

 582031

FFFFFF

 3F081C

 8C4F5F

 2B0001

 A86878

 000000

 C48291

 E09CAC

 FEB7C7

 FFD3E3

 FFF0FF

 582031

 582031

 58172B

 582937

 580E25

 58323D

 58061F

 583A43

 58001B

 58434A

 584C50

 585556

 585E5C

 586662

 586F68

Harmonies

Analogous

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



4E2445



582031



56241D

Triad

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



582031



26390F



003A58

Complementary

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



582031



205847

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.



003D4A



582031



033C21

Square

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



582031



3B3305



003D36



09355C

Rectangle

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



582031



502912



003D36



003B54

Sweetspot

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



582031



735D64



462058



3B2D31



BABABA



3B3B3B

Same Dimension

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



582031



731C36



582A20



2B2728



6B0021



EB0047

Inverse Universe

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



582031



731C36



204E58



2B2728



6B0021



EB0047

Previews

White Background



This preview shows how the Hex color 582031 looks on a white background.

Color Contrast Check

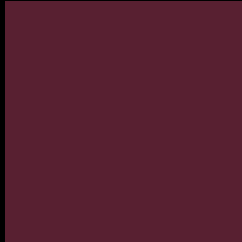
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 582031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

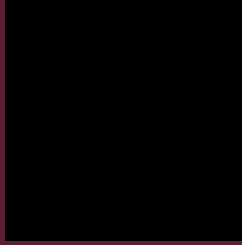
Any Text WCAG AA × Fail

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 582031 Background



This preview shows how black text looks on a background with the Hex color 582031.



This preview shows how white text looks on a background with the Hex color 582031.

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



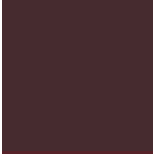



Original Color
582031


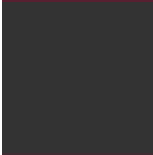

Protanopia
33343C

Deuteranopia
3B322E

Trichromacy

	Original Color 582031
	Protanomaly 402D38
	Deuteranomaly 462B2F
	Tritanomaly 572229

Monochromacy

	Original Color 582031
	Achromatopsia 333333
	Achromatomaly 402C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 582031 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 #582031 looks like.

```
.text, #text, p{  
    color:#582031  
}
```

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 #582031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582031
}
```

Border

The CSS property to change the border of an element to Hex 582031 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
#582031 }
```

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

```
.border{ border-color:#582031 }
```

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

Here you see how a box with a 4 pixel #582031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582031; -webkit-box-shadow:4px 4px  
4px 4px #582031; box-shadow:4px 4px 4px  
4px #582031 }
```

Background

The CSS property to change the background color of an element to Hex 582031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582031 }
```

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

```
.background{ background-color:#582031 }
```

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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