

Converting Colors

Hex(582C52)

Have a look what the booklet for
Hex(582C52) contains.

Hex(582C52)	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(582C52)

Conversions

Conversions Part 1

Format	Color
Hex	582C52
RGB	88, 44, 82
RGB Percent	35%, 17%, 32%
CMY	0.6549, 0.8275, 0.6784
CMYK	0.00, 0.50, 0.07, 0.65
HSL	308°, 33%, 26%
HSV	308°, 50%, 35%
XYZ	6.4482, 4.4853, 8.5085
YIQ	61.4880, 14.0260, 21.1460

Conversions

Conversions Part 2

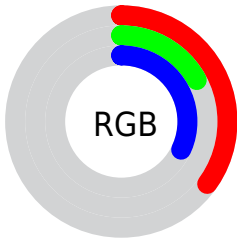
Format	Color
RYB	88, 44, 82
Decimal	5778514
CIELab	25.21, 26.27, -14.45
CIElCh	25, 29.983, 331.198
Yxy	4.4853, 0.3317, 0.2307
Android (android.graphics.Color)	4283968594 (0xFF582C52)
YUV	61.4880, 10.1124, 23.2510
Hunter-Lab	21.1785, 17.2854, -8.9951

Details

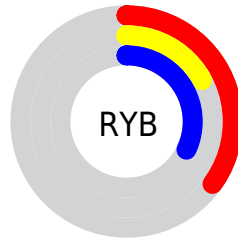
The Hex color **582C52** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C5832**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8B5B84**, and **290025** is the 20% darker color. If you saturate the color by 10%, you get **582351**, and if you desaturate by 10%, it is **583553**.

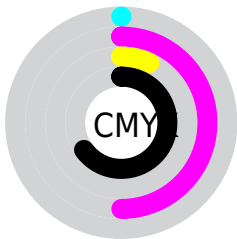
Distribution



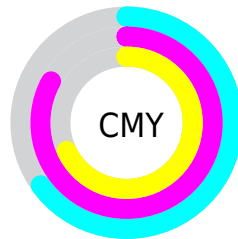
- Red (35%)
- Green (17%)
- Blue (32%)



- Red (35%)
- Yellow (17%)
- Blue (32%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (65%)



- Cyan (65%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582C52 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 582C52 by changing the saturation by 10% instead.

 582C52

 582C52

FFFFFF

 40153B

 8B5B84

 290025

 A6749E

 08000F

 C18EB9

 000000

 DEA9D4

 FAC4F1

 FFE1FF

 FFFDFD

 582C52

 582C52

■ 582351

■ 583553

■ 581A50

■ 583E54

■ 58124E

■ 584656

■ 58094D

■ 584F57

■ 58004C

■ 585858

■ 586159

■ 586A5A

■ 58725C

■ 587B5D

Harmonies

Analogous

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



3D3563



582C52



64273C

Triad

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



582C52



473B0A



004653

Complementary

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



582C52



2C5832

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.



00473C



582C52



304112

Square

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



582C52



593214



0E4525



004463

Rectangle

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



582C52



65282D



0E4525



00474B

Sweetspot

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



582C52



736270



322C58



3B3039



BABABA



3B3B3B

Same Dimension

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



582C52



732E69



582C3C



2B272B



6B005C



EB00CB

Inverse Universe

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



582C52



732E69



2C5848



2B272B



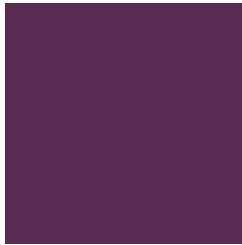
6B005C



EB00CB

Previews

White Background



This preview shows how the Hex color 582C52 looks on a white background.

Color Contrast Check

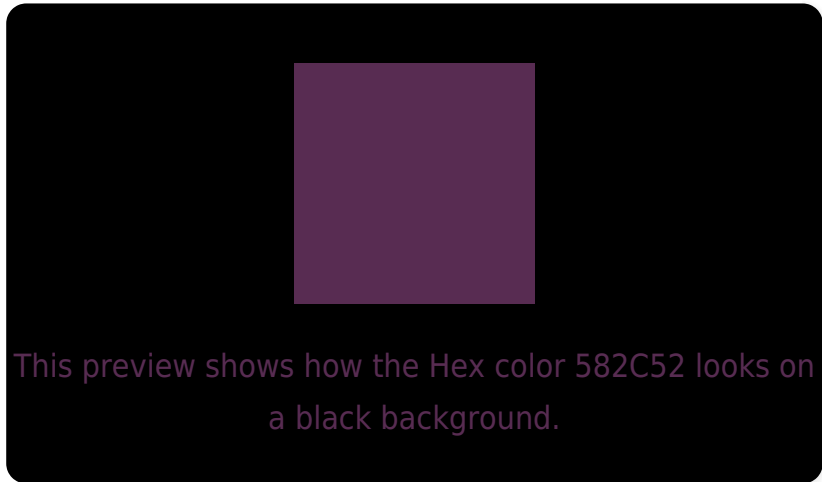
Large Text (above 18pt) WCAG AA ✓ Pass

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

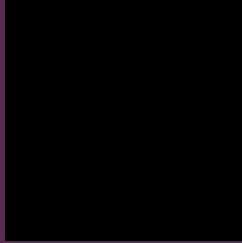
Any Text WCAG AA × Fail

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 582C52 Background



This preview shows how black text looks on a background with the Hex color 582C52.



This preview shows how white text looks on a background with the Hex color 582C52.

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
582C52

Protanopia
303B5E

Deuteranopia
383B4F



Tritanopia
553236

Trichromacy



Original Color
582C52

Protanomaly
3F365A

Deuteranomaly
443650

Tritanomaly
563040

Monochromacy



Original Color
582C52

Achromatopsia
3D3D3D

Achromatomaly
473745

CSS Examples

Text

The CSS property to change the color of the text to Hex 582C52 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 #582C52 looks like.

```
.text, #text, p{  
    color:#582C52  
}
```

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 #582C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582C52
}
```

Border

The CSS property to change the border of an element to Hex 582C52 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".

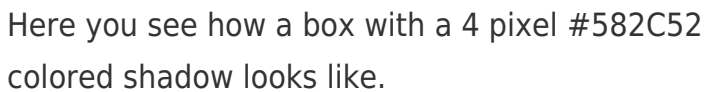
```
.border, #border, table{ border:4px solid
#582C52 }
```

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

```
.border{ border-color:#582C52 }
```

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

Here you see how a box with a 4 pixel #582C52 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582C52; -webkit-box-shadow:4px 4px  
4px 4px #582C52; box-shadow:4px 4px 4px  
4px #582C52 }
```

Background

The CSS property to change the background color of an element to Hex 582C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582C52 }
```

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

```
.background{ background-color:#582C52 }
```

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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