

Converting Colors

Hex(582856)

Have a look what the booklet for
Hex(582856) contains.

Hex(582856)	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(582856)

Conversions

Conversions Part 1

Format	Color
Hex	582856
RGB	88, 40, 86
RGB Percent	35%, 16%, 34%
CMY	0.6549, 0.8431, 0.6627
CMYK	0.00, 0.55, 0.02, 0.65
HSL	302°, 38%, 25%
HSV	302°, 55%, 35%
XYZ	6.4630, 4.2642, 9.2865
YIQ	59.5960, 13.8420, 24.4820

Conversions

Conversions Part 2

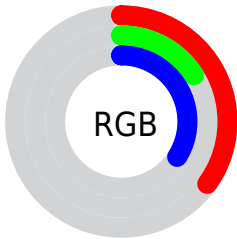
Format	Color
R_{YB}	88, 40, 86
Decimal	5777494
CIE _{Lab}	24.53, 29.40, -18.16
CIE _{LCh}	25, 34.557, 328.291
Yxy	4.2642, 0.3229, 0.2131
Android (android.graphics.Color)	4283967574 (0xFF582856)
YUV	59.5960, 13.0172, 24.9103
Hunter-Lab	20.6499, 19.7297, -12.2086

Details

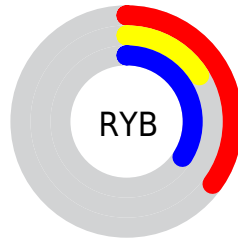
The Hex color **582856** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **28582A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8B5888**, and **290029** is the 20% darker color. If you saturate the color by 10%, you get **581F56**, and if you desaturate by 10%, it is **583156**.

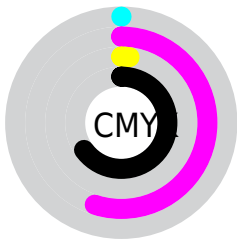
Distribution



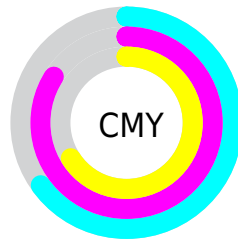
- Red (35%)
- Green (16%)
- Blue (34%)



- Red (35%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (55%)
- Yellow (2%)
- Black (65%)



- Cyan (65%)
- Magenta (84%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582856 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 582856 by changing the saturation by 10% instead.

 582856

 582856

FFFFFF

 40113F

 8B5888

 290029

 A671A2

 050013

 C28BBD

 000000

 DEA5D9

 FBC1F6

 FFDDFF

 FFF9FF

 582856

 582856

■ 581F56

■ 583156

■ 581655

■ 583A57

■ 580E55

■ 584257

■ 580555

■ 584B57

■ 580054

■ 585458

■ 585D58

■ 586659

■ 586E59

■ 587759

Harmonies

Analogous

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



373468



582856



67203D

Triad

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



582856



483900



004652

Complementary

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



582856



28582A

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.



004638



582856



2F4006

Square

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



582856



5C2E0D



02441D



004466

Rectangle

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



582856



69212C



02441D



00464A

Sweetspot

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



582856



736072



2A2858



3B303A



BABABA



3B3B3B

Same Dimension

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



582856



732870



58283E



2B272B



6B0067



EB00E1

Inverse Universe

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



582856



732870



285842



2B272B



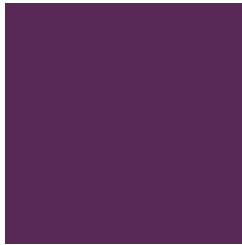
6B0067



EB00E1

Previews

White Background



This preview shows how the Hex color 582856 looks on a white background.

Color Contrast Check

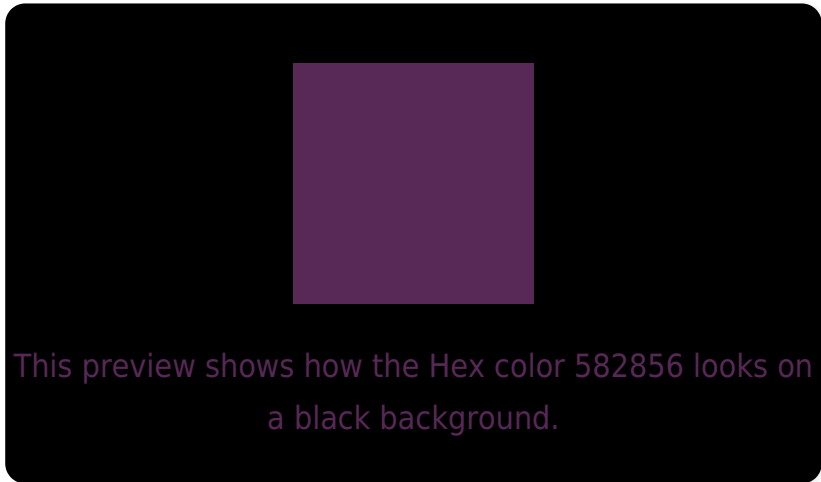
Large Text (above 18pt) WCAG AA ✓ Pass

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

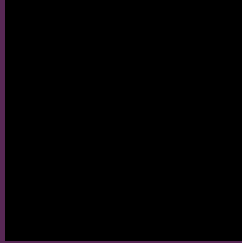
Any Text WCAG AA × Fail

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 582856 Background



This preview shows how black text looks on a background with the Hex color 582856.



This preview shows how white text looks on a background with the Hex color 582856.

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
582856

Protanopia
283A65

Deuteranopia
333A53



Tritanopia
543134

Trichromacy



Original Color
582856

Protanomaly
393360

Deuteranomaly
403354

Tritanomaly
552E40

Monochromacy



Original Color
582856

Achromatopsia
3C3C3C

Achromatomaly
463545

CSS Examples

Text

The CSS property to change the color of the text to Hex 582856 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 #582856 looks like.

```
.text, #text, p{  
    color:#582856  
}
```

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 #582856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582856
}
```

Border

The CSS property to change the border of an element to Hex 582856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

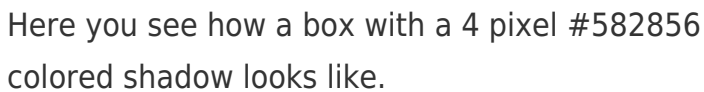
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#582856 }
```

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

```
.border{ border-color:#582856 }
```

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



Here you see how a box with a 4 pixel #582856 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582856; -webkit-box-shadow:4px 4px  
4px 4px #582856; box-shadow:4px 4px 4px  
4px #582856 }
```

Background

The CSS property to change the background color of an element to Hex 582856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582856 }
```

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

```
.background{ background-color:#582856 }
```

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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