

Converting Colors

Hex(582655)

Have a look what the booklet for
Hex(582655) contains.

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Color

Hex(582655)

Conversions

Conversions Part 1

Format	Color
Hex	582655
RGB	88, 38, 85
RGB Percent	35%, 15%, 33%
CMY	0.6549, 0.8510, 0.6667
CMYK	0.00, 0.57, 0.03, 0.65
HSL	304°, 40%, 25%
HSV	304°, 57%, 35%
XYZ	6.3573, 4.1168, 9.0539
YIQ	58.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

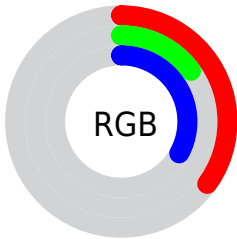
Format	Color
R_{YB}	88, 38, 85
Decimal	5776981
CIE _{Lab}	24.05, 30.32, -18.24
CIE _{LCh}	24, 35.378, 328.971
Yxy	4.1168, 0.3255, 0.2108
Android (android.graphics.Color)	4283967061 (0xFF582655)
YUV	58.3080, 13.1592, 26.0399
Hunter-Lab	20.2899, 20.4209, -12.2538




Details

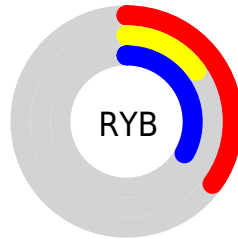
The Hex color **582655** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **265829**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **8B5687**, and **290028** is the 20% darker color. If you saturate the color by 10%, you get **581D54**, and if you desaturate by 10%, it is **582F56**.

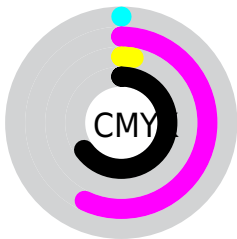
Distribution







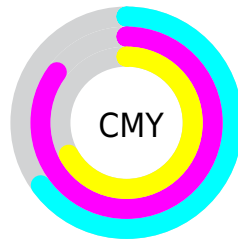
-  Red (35%)
-  Green (15%)
-  Blue (33%)






-  Red (35%)
-  Yellow (15%)
-  Blue (33%)



-  Cyan (0%)
-  Magenta (57%)
-  Yellow (3%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (85%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582655 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 582655 by changing the saturation by 10% instead.

 582655

 582655

FFFFFF

 400E3E

 8B5687

 290028

 A66FA1

 030012

 C289BC

 000000

 DEA3D8

 FBBFF5

 FFDBFF

 FFF7FF

 582655

 582655

■ 581D54

■ 582F56

■ 581454

■ 583856

■ 580C53

■ 584057

■ 580353

■ 584957

■ 580053

■ 585258

■ 585B58

■ 586459

■ 586C59

■ 58755A

Harmonies

Analogous

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



363368



582655



671E3B

Triad

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



582655



473800



004552

Complementary

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



582655



265829

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.



004537



582655



2D3F03

Square

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



582655



5B2D09



00431C



004367

Rectangle

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



582655



681F2A



00431C



00454A

Sweetspot

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



582655



735F72



292658



3B2F3A



BABABA



3B3B3B

Same Dimension

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



582655



73256E



58263C



2B272B



6B0065



EB00DD

Inverse Universe

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



582655



73256E



265841



2B272B



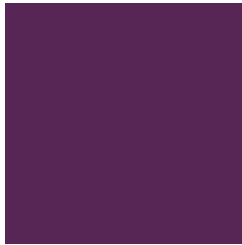
6B0065



EB00DD

Previews

White Background



This preview shows how the Hex color 582655 looks on a white background.

Color Contrast Check

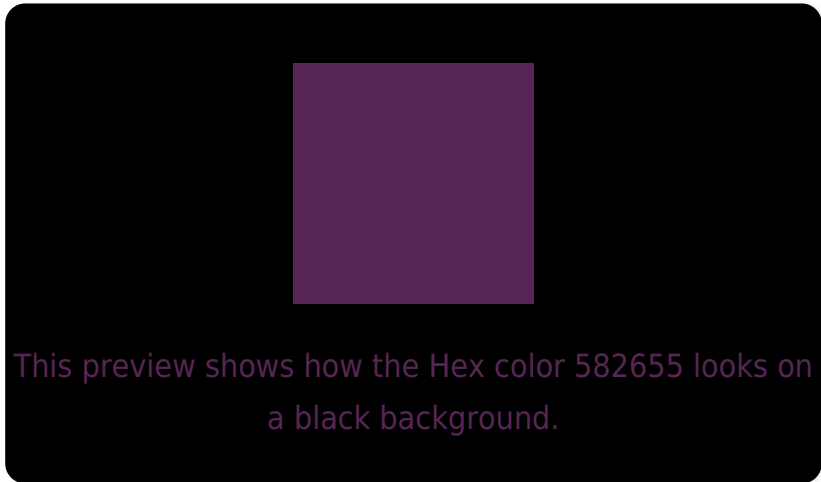
Large Text (above 18pt) WCAG AA ✓ Pass

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

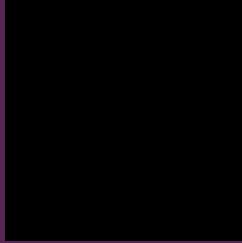
Any Text WCAG AA × Fail

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 582655 Background



This preview shows how black text looks on a background with the Hex color 582655.



This preview shows how white text looks on a background with the Hex color 582655.

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
582655

Protanopia
263965

Deuteranopia
323952



Tritanopia
542F32

Trichromacy



Original Color
582655

Protanomaly
38325F

Deuteranomaly
403253

Tritanomaly
552C3F

Monochromacy



Original Color
582655

Achromatopsia
3A3A3A

Achromatomaly
453344

CSS Examples

Text

The CSS property to change the color of the text to Hex 582655 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 #582655 looks like.

```
.text, #text, p{  
    color:#582655  
}
```

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 #582655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582655
}
```

Border

The CSS property to change the border of an element to Hex 582655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

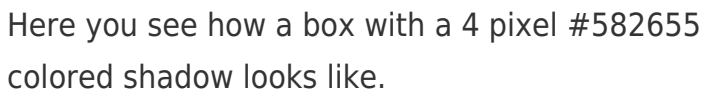
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#582655 }
```

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

```
.border{ border-color:#582655 }
```

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



Here you see how a box with a 4 pixel #582655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582655; -webkit-box-shadow:4px 4px  
4px 4px #582655; box-shadow:4px 4px 4px  
4px #582655 }
```

Background

The CSS property to change the background color of an element to Hex 582655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582655 }
```

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

```
.background{ background-color:#582655 }
```

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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