

Converting Colors

Hex(582373)

Have a look what the booklet for
Hex(582373) contains.

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Color

Hex(582373)

Conversions

Conversions Part 1

Format	Color
Hex	582373
RGB	88, 35, 115
RGB Percent	35%, 14%, 45%
CMY	0.6549, 0.8627, 0.5490
CMYK	0.23, 0.70, 0.00, 0.55
HSL	280°, 53%, 29%
HSV	280°, 70%, 45%
XYZ	7.7200, 4.5146, 16.6842
YIQ	59.9670, 5.9080, 36.1160

Conversions

Conversions Part 2

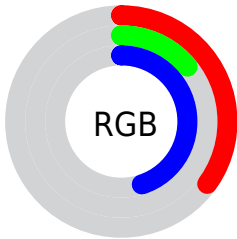
Format	Color
R_{YB}	88, 35, 115
Decimal	5776243
CIE _{Lab}	25.30, 38.50, -35.81
CIE _{LCh}	25, 52.578, 317.074
Yxy	4.5146, 0.2670, 0.1561
Android (android.graphics.Color)	4283966323 (0xFF582373)
YUV	59.9670, 27.1313, 24.5849
Hunter-Lab	21.2475, 27.6727, -31.6829

Details

The Hex color **582373** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **3E7323**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8D54A8**, and **260042** is the 20% darker color. If you saturate the color by 10%, you get **541873**, and if you desaturate by 10%, it is **5C2F73**.

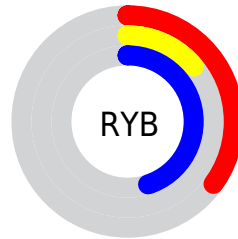
Distribution



Red (35%)

Green (14%)

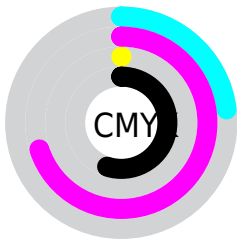
Blue (45%)



Red (35%)

Yellow (14%)

Blue (45%)

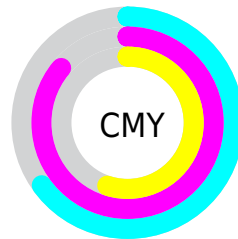


Cyan (23%)

Magenta (70%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (86%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 582373 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 582373 by changing the saturation by 10% instead.

■ 582373

■ 582373

FFFFFF

■ 3F085A

■ 8D54A8

■ 260042

■ A86DC3

■ 0A002B

■ C487DF

■ 000115

■ E0A2FC

■ 000000

■ FEBDFF

■ FFDAFF

■ FFF6FF

■ 582373

■ 582373

■ 541873

■ 5C2F73

■ 500C73

■ 603A73

■ 4C0173

■ 644673

■ 4C0073

■ 685173

■ 6B5D73

■ 6F6873

■ 737473

■ 777F73

■ 7B8B73

Harmonies

Analogous

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



003989



582373



78004F

Triad

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



582373



593400



004C52

Complementary

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



582373



3E7323

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.



004B29



582373



364100

Square

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



582373



721E00



004800



004B76

Rectangle

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



582373



7F0035



004800



004C45

Sweetspot

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



582373



8C7796



233F73



46394D



CCCCCC



4D4D4D

Same Dimension

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



582373



6C1A96



732367



39353B



51007A



A600FA

Inverse Universe

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



73233E



961A44



23732F



3B3537



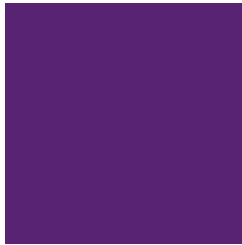
7A0029



FA0054

Previews

White Background



This preview shows how the Hex color 582373 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

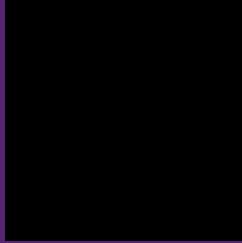
Any Text WCAG AA × Fail

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 582373 Background



This preview shows how black text looks on a background with the Hex color 582373.



This preview shows how white text looks on a background with the Hex color 582373.

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](#).

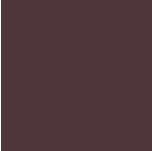
Dichromacy



Original Color
582373

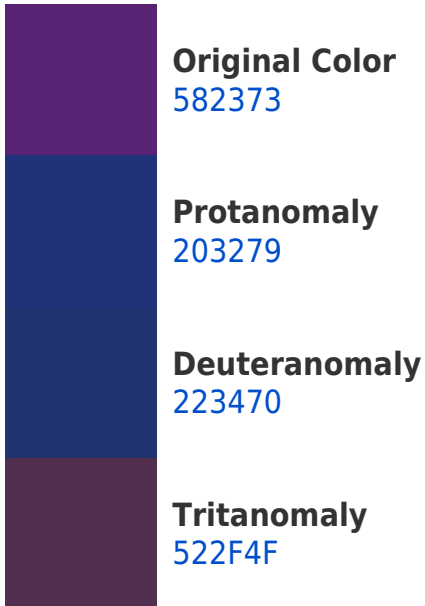
Protanopia
003B7D

Deuteranopia
033E6E

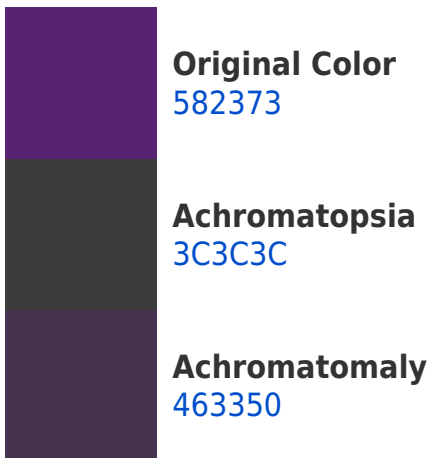


Tritanopia
4F363A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 582373 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 #582373 looks like.

```
.text, #text, p{  
    color:#582373  
}
```

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 #582373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582373
}
```

Border

The CSS property to change the border of an element to Hex 582373 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
#582373 }
```

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

```
.border{ border-color:#582373 }
```

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

Here you see how a box with a 4 pixel #582373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582373; -webkit-box-shadow:4px 4px  
4px 4px #582373; box-shadow:4px 4px 4px  
4px #582373 }
```

Background

The CSS property to change the background color of an element to Hex 582373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582373 }
```

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

```
.background{ background-color:#582373 }
```

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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