

Converting Colors

Hex(580689)

Have a look what the booklet for
Hex(580689) contains.

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Color

Hex(580689)

Conversions

Conversions Part 1

Format	Color
Hex	580689
RGB	88, 6, 137
RGB Percent	35%, 2%, 54%
CMY	0.6549, 0.9765, 0.4627
CMYK	0.36, 0.96, 0.00, 0.46
HSL	278°, 92%, 28%
HSV	278°, 96%, 54%
XYZ	8.6050, 4.0111, 23.9876
YIQ	45.4520, 6.8210, 58.1250

Conversions

Conversions Part 2

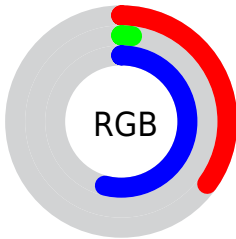
Format	Color
RYB	88, 6, 137
Decimal	5768841
CIELab	23.71, 53.36, -52.33
CIElCh	24, 74.735, 315.557
Yxy	4.0111, 0.2351, 0.1096
Android (android.graphics.Color)	4283958921 (0xFF580689)
YUV	45.4520, 45.1332, 37.3146
Hunter-Lab	20.0277, 41.6446, -56.9934

Details

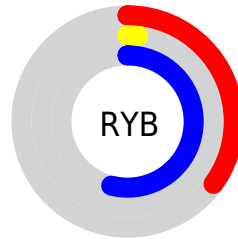
The Hex color **580689** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **378906**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8F43BF**, and **210056** is the 20% darker color. If you saturate the color by 10%, you get **560089**, and if you desaturate by 10%, it is **5D1489**.

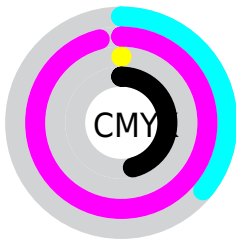
Distribution



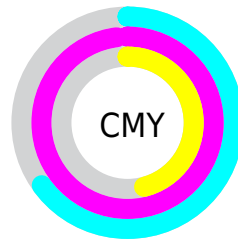
- Red (35%)
- Green (2%)
- Blue (54%)



- Red (35%)
- Yellow (2%)
- Blue (54%)



- Cyan (36%)
- Magenta (96%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (98%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580689 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 580689 by changing the saturation by 10% instead.

■ 580689

■ 580689

FFFFFF

■ 3D006F

■ 8F43BF

■ 210056

■ AB5DDC

■ 00003E

■ C878F9

■ 000327

■ E593FF

■ 000110

■ FFAEFF

■ 000000

■ FFCAFF

■ FFE7FF

■ 580689

■ 580689

■ 560089

■ 5D1489

■ 622189

■ 672F89

■ 6C3D89

■ 724B89

■ 775889

■ 7C6689

■ 817489

■ 868189

Harmonies

Analogous

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



0038A8



580689



890056

Triad

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



580689



5C2C00



004C56

Complementary

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



580689



378906

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.



004A19



580689



2A3F00

Square

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



580689



7F0000



004700



004C8A

Rectangle

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



580689



920031



004700



004B42

Sweetspot

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



580689



9F7FB3



063889



4E3A59



D9D9D9



595959

Same Dimension

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



580689



7000B3



89067A



423E45



530085



030005

Inverse Universe

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



890637



B30043



068915



453E41



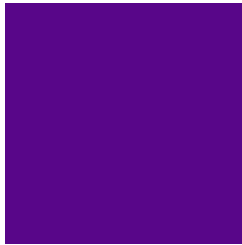
850032



050002

Previews

White Background



This preview shows how the Hex color 580689 looks on a white background.

Color Contrast Check

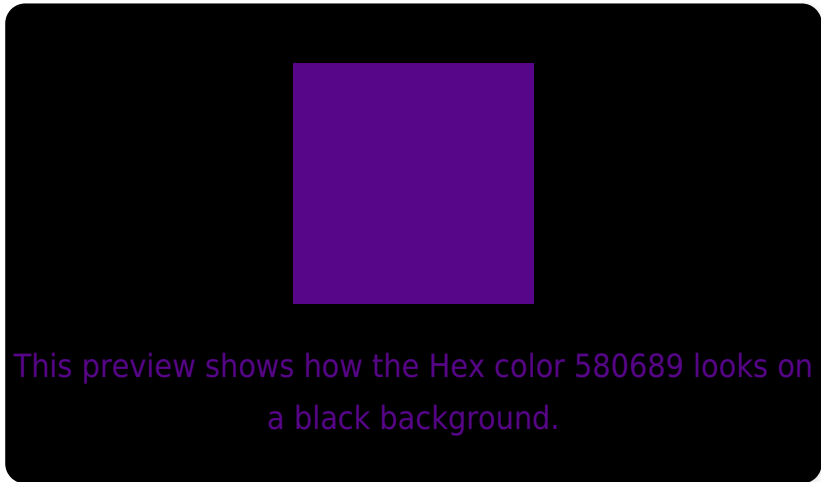
Large Text (above 18pt) WCAG AA ✓ Pass

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

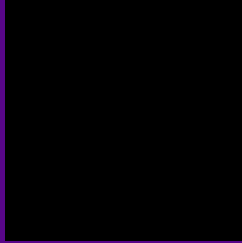
Any Text WCAG AA × Fail

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 580689 Background



This preview shows how black text looks on a background with the Hex color 580689.



This preview shows how white text looks on a background with the Hex color 580689.

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](#).

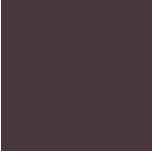
Dichromacy



Original Color
580689

Protanopia
003978

Deuteranopia
003D67



Tritanopia
49363A

Trichromacy



Original Color
580689

Protanomaly
20267E

Deuteranomaly
202973

Tritanomaly
4E2557

Monochromacy



Original Color
580689

Achromatopsia
2D2D2D

Achromatomaly
3D1F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 580689 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 #580689 looks like.

```
.text, #text, p{  
    color:#580689  
}
```

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 #580689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580689
}
```

Border

The CSS property to change the border of an element to Hex 580689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

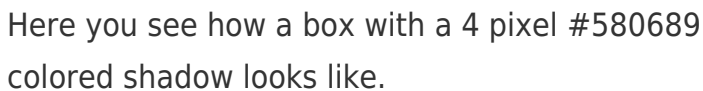
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580689 }
```

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

```
.border{ border-color:#580689 }
```

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



Here you see how a box with a 4 pixel #580689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580689; -webkit-box-shadow:4px 4px  
4px 4px #580689; box-shadow:4px 4px 4px  
4px #580689 }
```

Background

The CSS property to change the background color of an element to Hex 580689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580689 }
```

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

```
.background{ background-color:#580689 }
```

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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