

Converting Colors

Hex(580738)

Have a look what the booklet for
Hex(580738) contains.

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Color

Hex(580738)

Conversions

Conversions Part 1

Format	Color
Hex	580738
RGB	88, 7, 56
RGB Percent	35%, 3%, 22%
CMY	0.6549, 0.9725, 0.7804
CMYK	0.00, 0.92, 0.36, 0.65
HSL	324°, 85%, 19%
HSV	324°, 92%, 35%
XYZ	4.8143, 2.5122, 3.9725
YIQ	36.8050, 32.5470, 32.4110

Conversions

Conversions Part 2

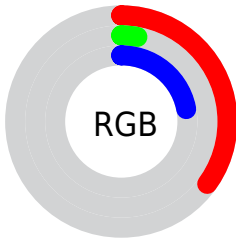
Format	Color
RYB	88, 7, 56
Decimal	5769016
CIELab	17.97, 38.56, -7.76
CIElCh	18, 39.333, 348.624
Yxy	2.5122, 0.4261, 0.2223
Android (android.graphics.Color)	4283959096 (0xFF580738)
YUV	36.8050, 9.4631, 44.8980
Hunter-Lab	15.8499, 26.4808, -3.7652

Details

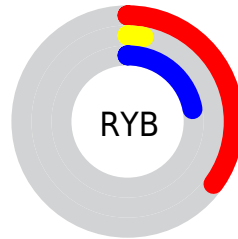
The Hex color **580738** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **075827**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **8D3E67**, and **29000C** is the 20% darker color. If you saturate the color by 10%, you get **580035**, and if you desaturate by 10%, it is **58103B**.

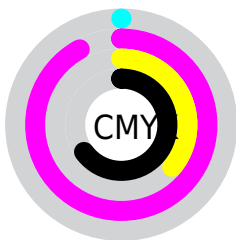
Distribution



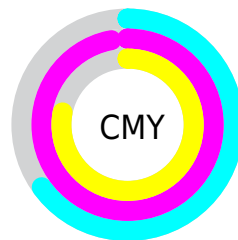
- Red (35%)
- Green (3%)
- Blue (22%)



- Red (35%)
- Yellow (3%)
- Blue (22%)



- Cyan (0%)
- Magenta (92%)
- Yellow (36%)
- Black (65%)



- Cyan (65%)
- Magenta (97%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580738 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 580738 by changing the saturation by 10% instead.

 580738


 580738

 FFFBFF

 3E0023

 8D3E67

 29000C

 A95780

 000000

 C5719A

 E28BB5

 FFA6D0

 FFC2ED

 FFDEFF

 580738

 580738

■ 580035

■ 58103B

■ 58193F

■ 582142

■ 582A46

■ 583349

■ 583C4D

■ 584550

■ 584D54

■ 585657

Harmonies

Analogous

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



421A52



580738



5C071C

Triad

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



580738



273000



003756

Complementary

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



580738



075827

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.



00383D



580738



003500

Square

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



580738



402700



003720



003364

Rectangle

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



580738



571307



003720



00384F

Sweetspot

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



580738



735366



260758



3B2733



BABABA



3B3B3B

Same Dimension

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



580738



730045



580710



2B272A



6B0041



EB008E

Inverse Universe

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



580738



730045



07584F



2B272A



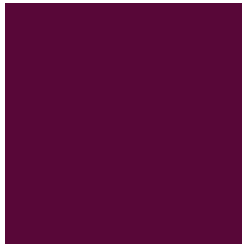
6B0041



EB008E

Previews

White Background



This preview shows how the Hex color 580738 looks on a white background.

Color Contrast Check

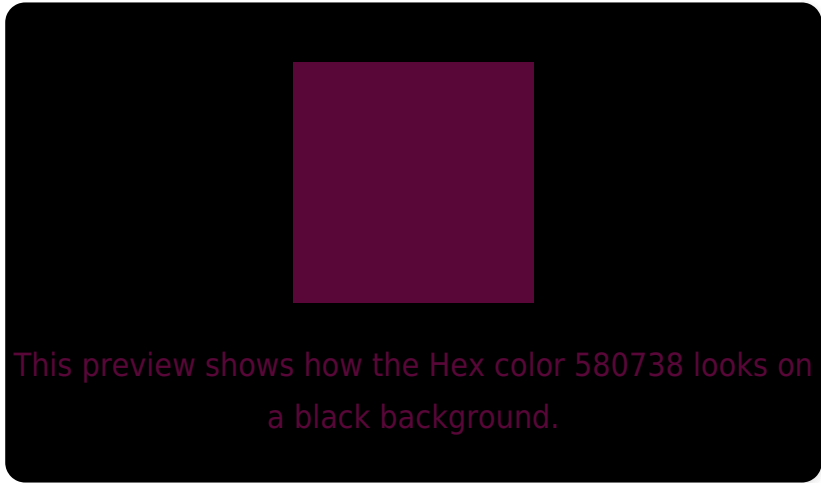
Large Text (above 18pt) WCAG AA ✓ Pass

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

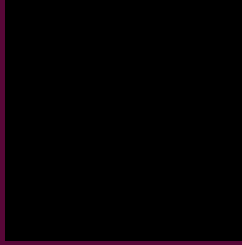
Any Text WCAG AA × Fail

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 580738 Background



This preview shows how black text looks on a background with the Hex color 580738.



This preview shows how white text looks on a background with the Hex color 580738.

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
580738

Protanopia
212E50

Deuteranopia
312E34



Tritanopia
561718

Trichromacy



Original Color

580738

Protanomaly

352047

Deuteranomaly

3F2035

Tritanomaly

571124

Monochromacy



Original Color

580738

Achromatopsia

252525

Achromatomaly

381A2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 580738 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 #580738 looks like.

```
.text, #text, p{  
    color:#580738  
}
```

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 #580738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580738
}
```

Border

The CSS property to change the border of an element to Hex 580738 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".

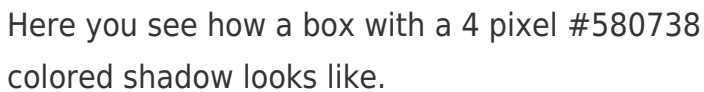
```
.border, #border, table{ border:4px solid
#580738 }
```

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

```
.border{ border-color:#580738 }
```

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

Here you see how a box with a 4 pixel #580738 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 #580738; -webkit-box-shadow:4px 4px  
4px 4px #580738; box-shadow:4px 4px 4px  
4px #580738 }
```

Background

The CSS property to change the background color of an element to Hex 580738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580738 }
```

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

```
.background{ background-color:#580738 }
```

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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