

Converting Colors

Hex(581070)

Have a look what the booklet for
Hex(581070) contains.

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Color

Hex(581070)

Conversions

Conversions Part 1

Format	Color
Hex	581070
RGB	88, 16, 112
RGB Percent	35%, 6%, 44%
CMY	0.6549, 0.9373, 0.5608
CMYK	0.21, 0.86, 0.00, 0.56
HSL	285°, 75%, 25%
HSV	285°, 86%, 44%
XYZ	7.1344, 3.6151, 15.6510
YIQ	48.4720, 12.0960, 45.1200

Conversions

Conversions Part 2

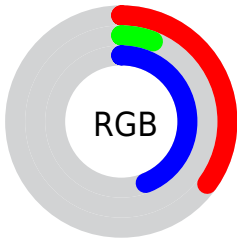
Format	Color
R_{YB}	88, 16, 112
Decimal	5771376
CIE _{Lab}	22.36, 45.59, -38.64
CIE _{LCh}	22, 59.758, 319.719
Yxy	3.6151, 0.2702, 0.1369
Android (android.graphics.Color)	4283961456 (0xFF581070)
YUV	48.4720, 31.3193, 34.6661
Hunter-Lab	19.0135, 33.7047, -35.4951

Details

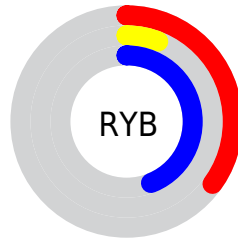
The Hex color **581070** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **287010**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **8D46A4**, and **27003F** is the 20% darker color. If you saturate the color by 10%, you get **550570**, and if you desaturate by 10%, it is **5B1B70**.

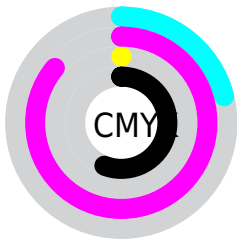
Distribution



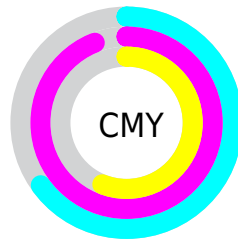
- Red (35%)
- Green (6%)
- Blue (44%)



- Red (35%)
- Yellow (6%)
- Blue (44%)



- Cyan (21%)
- Magenta (86%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (94%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 581070 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 581070 by changing the saturation by 10% instead.

■ 581070

■ 581070

FFFFFF

■ 3E0057

■ 8D46A4

■ 27003F

■ A95FC0

■ 000028

■ C579DC

■ 000112

■ E294F9

■ 000000

■ FFBOFF

■ FFCCFF

■ FFE8FF

■ 581070

■ 581070

■ 550570

■ 5B1B70

■ 540070

■ 5E2670

■ 603270

■ 633D70

■ 664870

■ 695370

■ 6C5E70

■ 6E6A70

■ 717570

Harmonies

Analogous

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



00318B



581070



790047

Triad

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



581070



4F2E00



004653

Complementary

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



581070



287010

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.



004524



581070



263C00

Square

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



581070



6D1000



004200



00467A

Rectangle

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



581070



7E002A



004200



004643

Sweetspot

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



581070



886C91



102870



44334A



C9C9C9



4A4A4A

Same Dimension

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



581070



6D0091



701058



373238



5A0078



BA00F7

Inverse Universe

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



701028



910024



107028



383234



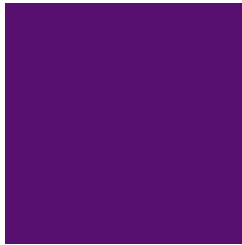
78001E



F7003E

Previews

White Background



This preview shows how the Hex color 581070 looks on a white background.

Color Contrast Check

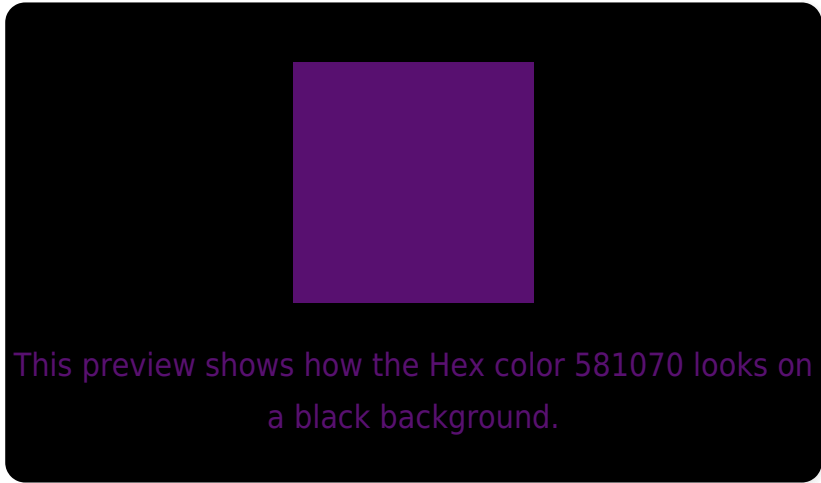
Large Text (above 18pt) WCAG AA ✓ Pass

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

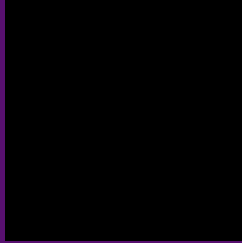
Any Text WCAG AA × Fail

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 581070 Background



This preview shows how black text looks on a background with the Hex color 581070.



This preview shows how white text looks on a background with the Hex color 581070.

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
581070

Protanopia
003671

Deuteranopia
003963



Tritanopia
4F2E31

Trichromacy



Original Color
581070

Protanomaly
202871

Deuteranomaly
202A68

Tritanomaly
522348

Monochromacy



Original Color
581070

Achromatopsia
303030

Achromatomaly
3F2447

CSS Examples

Text

The CSS property to change the color of the text to Hex 581070 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 #581070 looks like.

```
.text, #text, p{  
    color:#581070  
}
```

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 #581070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #581070
}
```

Border

The CSS property to change the border of an element to Hex 581070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

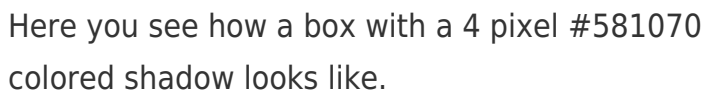
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#581070 }
```

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

```
.border{ border-color:#581070 }
```

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



Here you see how a box with a 4 pixel #581070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #581070; -webkit-box-shadow:4px 4px  
4px 4px #581070; box-shadow:4px 4px 4px  
4px #581070 }
```

Background

The CSS property to change the background color of an element to Hex 581070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#581070 }
```

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

```
.background{ background-color:#581070 }
```

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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