

Converting Colors

Hex(580561)

Have a look what the booklet for
Hex(580561) contains.

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Color

Hex(580561)

Conversions

Conversions Part 1

Format	Color
Hex	580561
RGB	88, 5, 97
RGB Percent	35%, 2%, 38%
CMY	0.6549, 0.9804, 0.6196
CMYK	0.09, 0.95, 0.00, 0.62
HSL	294°, 90%, 20%
HSV	294°, 95%, 38%
XYZ	6.2364, 3.0463, 11.5686
YIQ	40.3050, 19.9360, 46.2080

Conversions

Conversions Part 2

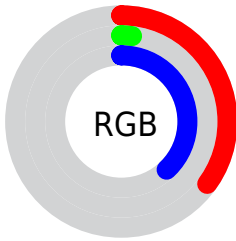
Format	Color
R_{YB}	88, 5, 97
Decimal	5768545
CIE _{Lab}	20.23, 45.51, -32.26
CIE _{LCh}	20, 55.786, 324.666
Yxy	3.0463, 0.2991, 0.1461
Android (android.graphics.Color)	4283958625 (0xFF580561)
YUV	40.3050, 27.9506, 41.8285
Hunter-Lab	17.4537, 33.2365, -27.0807

Details

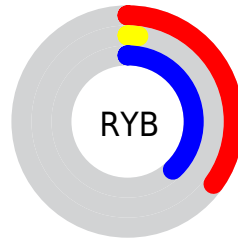
The Hex color **580561** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0E6105**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8D3F94**, and **2A0032** is the 20% darker color. If you saturate the color by 10%, you get **580061**, and if you desaturate by 10%, it is **590F61**.

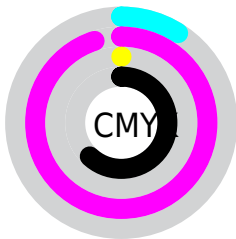
Distribution



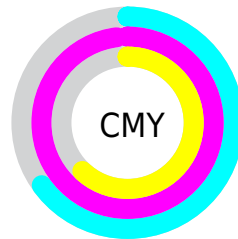
- Red (35%)
- Green (2%)
- Blue (38%)



- Red (35%)
- Yellow (2%)
- Blue (38%)



- Cyan (9%)
- Magenta (95%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580561 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 580561 by changing the saturation by 10% instead.

■ 580561

■ 580561

FFFEFF

■ 3E0049

■ 8D3F94

■ 2A0032

■ A959AF

■ 00001C

■ C573CB

■ 000000

■ E18EE7

■ FFA9FF

■ FFC5FF

■ FFE1FF

■ 580561

■ 580561

■ 580061

■ 590F61

■ 5A1861

■ 5B2261

■ 5C2C61

■ 5D3661

■ 5E3F61

■ 5F4961

■ 605361

■ 615C61

Harmonies

Analogous

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



002A7D



580561



71003A

Triad

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



580561



432D00



004152

Complementary

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



580561



0E6105

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.



004028



580561



1B3800

Square

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



580561



601600



003D00



003F74

Rectangle

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



580561



74001F



003D00



004045

Sweetspot

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



580561



7A5A7D



050E61



3E2A40



BFBFBF



404040

Same Dimension

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



580561



71007D



61053C



302C30



650070



D800F0

Inverse Universe

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



61050E



7D000C



05612A



302C2C



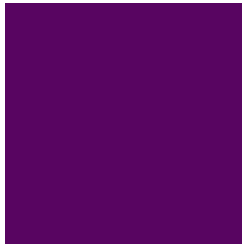
70000B



F00017

Previews

White Background



This preview shows how the Hex color 580561 looks on a white background.

Color Contrast Check

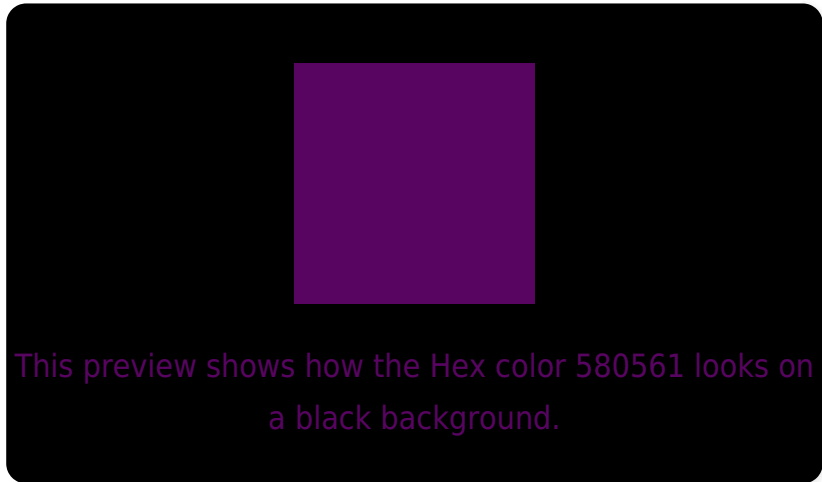
Large Text (above 18pt) WCAG AA ✓ Pass

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

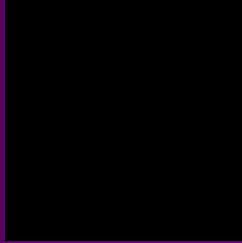
Any Text WCAG AA × Fail

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 580561 Background



This preview shows how black text looks on a background with the Hex color 580561.



This preview shows how white text looks on a background with the Hex color 580561.

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
580561

Protanopia
00326A

Deuteranopia
12355B



Tritanopia
512629

Trichromacy



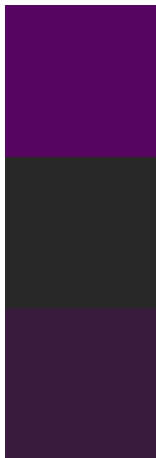
Original Color
580561

Protanomaly
202267

Deuteranomaly
2B245D

Tritanomaly
541A3D

Monochromacy



Original Color
580561

Achromatopsia
282828

Achromatomaly
391B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 580561 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 #580561 looks like.

```
.text, #text, p{  
    color:#580561  
}
```

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 #580561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580561
}
```

Border

The CSS property to change the border of an element to Hex 580561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

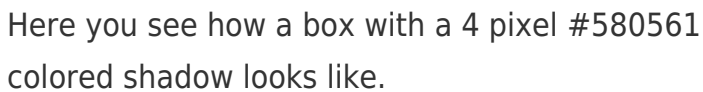
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#580561 }
```

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

```
.border{ border-color:#580561 }
```

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



Here you see how a box with a 4 pixel #580561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580561; -webkit-box-shadow:4px 4px  
4px 4px #580561; box-shadow:4px 4px 4px  
4px #580561 }
```

Background

The CSS property to change the background color of an element to Hex 580561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580561 }
```

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

```
.background{ background-color:#580561 }
```

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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