

Converting Colors

Hex(5A0061)

Have a look what the booklet for
Hex(5A0061) contains.

Hex(5A0061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A0061)

Conversions

Conversions Part 1

Format	Color
Hex	5A0061
RGB	90, 0, 97
RGB Percent	35%, 0%, 38%
CMY	0.6471, 1.0000, 0.6196
CMYK	0.07, 1.00, 0.00, 0.62
HSL	296°, 100%, 19%
HSV	296°, 100%, 38%
XYZ	6.3741, 3.0367, 11.5595
YIQ	37.9680, 22.5030, 49.2470

Conversions

Conversions Part 2

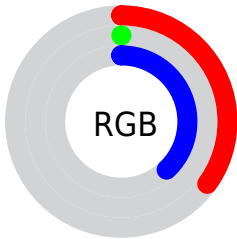
Format	Color
R_{YB}	90, 0, 97
Decimal	5898337
CIE _{Lab}	20.19, 47.15, -32.30
CIE _{LCh}	20, 57.153, 325.582
Yxy	3.0367, 0.3040, 0.1448
Android (android.graphics.Color)	4284088417 (0xFF5A0061)
YUV	37.9680, 29.1028, 45.6321
Hunter-Lab	17.4262, 34.7955, -27.1309

Details

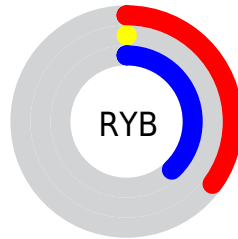
The Hex color **5A0061** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **076100**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8F3D94**, and **2B0032** is the 20% darker color. If you saturate the color by 10%, you get **5A0061**, and if you desaturate by 10%, it is **5B0A61**.

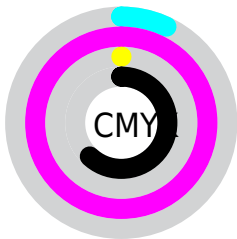
Distribution



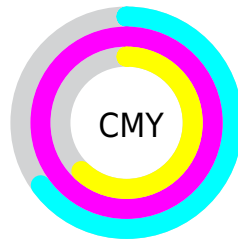
- Red (35%)
- Green (0%)
- Blue (38%)



- Red (35%)
- Yellow (0%)
- Blue (38%)



- Cyan (7%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0061 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 5A0061 by changing the saturation by 10% instead.

 5A0061

 5A0061

 FFFDFF

 400049

 8F3D94

 2B0032

 AB57AF

 00001C

 C771CB

 000000

 E48CE7

 FFA7FF

 FFC3FF

 FFE0FF

 5A0061

■ 5B0A61

■ 5B1361

■ 5C1D61

■ 5D2761

■ 5E3161

■ 5E3A61

■ 5F4461

■ 604E61

■ 605761

Harmonies

Analogous

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



00297E



5A0061



730039

Triad

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



5A0061



422D00



004154

Complementary

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



5A0061



076100

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.



004029



5A0061



183900

Square

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



5A0061



601600



003E00



003F77

Rectangle

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



5A0061



75001E



003E00



004046

Sweetspot

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



5A0061



7A577D



000861



3E2940



BFBFBF



404040

Same Dimension

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



5A0061



74007D



610039



302C30



680070



DE00F0

Inverse Universe

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



610007



7D0009



006128



302C2C



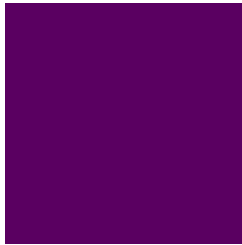
700008



F00011

Previews

White Background



This preview shows how the Hex color 5A0061 looks on a white background.

Color Contrast Check

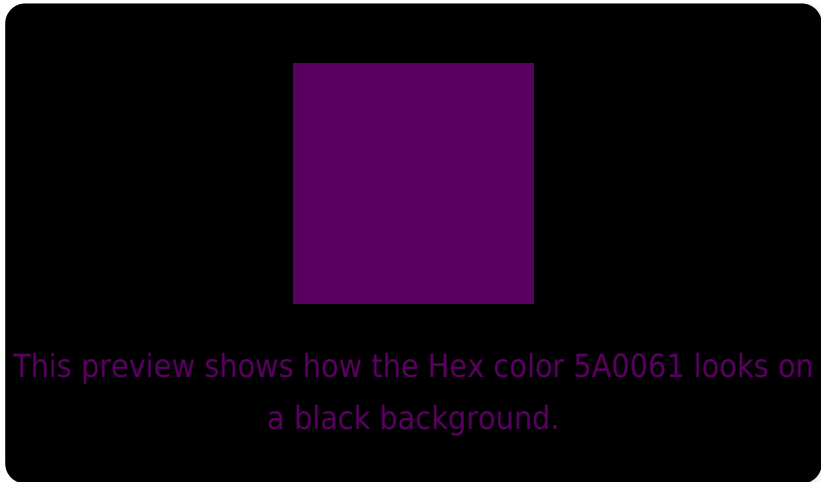
Large Text (above 18pt) WCAG AA ✓ Pass

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

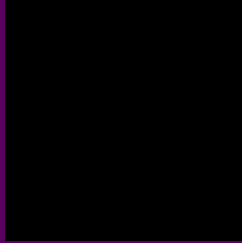
Any Text WCAG AA × Fail

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 5A0061 Background



This preview shows how black text looks on a background with the Hex color 5A0061.



This preview shows how white text looks on a background with the Hex color 5A0061.

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
5A0061

Protanopia
00336B

Deuteranopia
16355B



Tritanopia
532629

Trichromacy



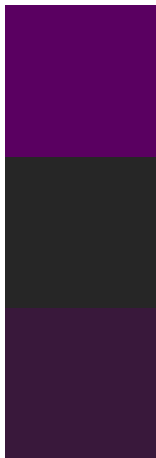
Original Color
5A0061

Protanomaly
212067

Deuteranomaly
2F225D

Tritanomaly
56183D

Monochromacy



Original Color
5A0061

Achromatopsia
262626

Achromatomaly
39183B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0061 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 #5A0061 looks like.

```
.text, #text, p{  
    color:#5A0061  
}
```

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 #5A0061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0061
}
```

Border

The CSS property to change the border of an element to Hex 5A0061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

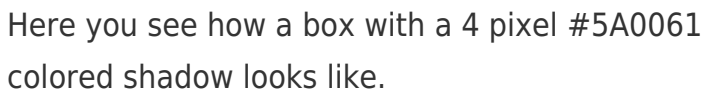
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0061 }
```

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

```
.border{ border-color:#5A0061 }
```

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



Here you see how a box with a 4 pixel #5A0061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0061; -webkit-box-shadow:4px 4px  
4px 4px #5A0061; box-shadow:4px 4px 4px  
4px #5A0061 }
```

Background

The CSS property to change the background color of an element to Hex 5A0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0061 }
```

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

```
.background{ background-color:#5A0061 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor