

Converting Colors

Hex(5A0A61)

Have a look what the booklet for
Hex(5A0A61) contains.

Hex(5A0A61)	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(5A0A61)

Conversions

Conversions Part 1

Format	Color
Hex	5A0A61
RGB	90, 10, 97
RGB Percent	35%, 4%, 38%
CMY	0.6471, 0.9608, 0.6196
CMYK	0.07, 0.90, 0.00, 0.62
HSL	295°, 81%, 21%
HSV	295°, 90%, 38%
XYZ	6.4827, 3.2538, 11.5956
YIQ	43.8380, 19.7530, 44.0170

Conversions

Conversions Part 2

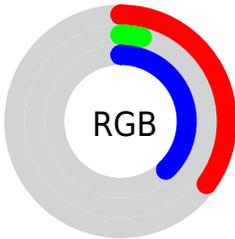
Format	Color
RYB	90, 10, 97
Decimal	5900897
CIELab	21.03, 44.66, -30.95
CIElCh	21, 54.338, 325.279
Yxy	3.2538, 0.3039, 0.1525
Android (android.graphics.Color)	4284090977 (0xFF5A0A61)
YUV	43.8380, 26.2089, 40.4841
Hunter-Lab	18.0383, 32.5828, -25.4868

Details

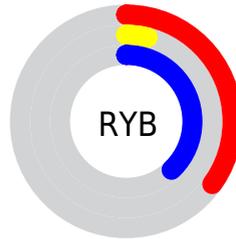
The Hex color **5A0A61** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **11610A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8F4294**, and **2B0032** is the 20% darker color. If you saturate the color by 10%, you get **590061**, and if you desaturate by 10%, it is **5B1461**.

Distribution



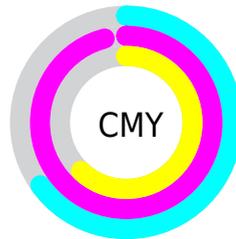
- Red (35%)
- Green (4%)
- Blue (38%)



- Red (35%)
- Yellow (4%)
- Blue (38%)



- Cyan (7%)
- Magenta (90%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (96%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0A61 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 5A0A61 by changing the saturation by 10% instead.

 5A0A61

 5A0A61

FFFFFF

 410049

 8F4294

 2B0032

 AB5CAF

 00001C

 C776CB

 000000

 E390E7

 FFACFF

 FFC8FF

 FFE4FF

 5A0A61

 5A0A61

■ 590061

■ 5B1461

■ 5C1D61

■ 5C2761

■ 5D3161

■ 5E3A61

■ 5F4461

■ 5F4E61

■ 605861

■ 616161

Harmonies

Analogous

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



092B7D



5A0A61



72003B

Triad

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



5A0A61



452F00



004254

Complementary

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



5A0A61



11610A

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.



00412B



5A0A61



1D3A00

Square

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



5A0A61



611A00



003F00



004175

Rectangle

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



5A0A61



750021



003F00



004247

Sweetspot

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



5A0A61



7A5B7D



0A1161



3E2B40



BFBFBF



404040

Same Dimension

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



5A0A61



73007D



610A3D



302C30



670070



DC00F0

Inverse Universe

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



610A11



7D000A



0A612E



302C2C



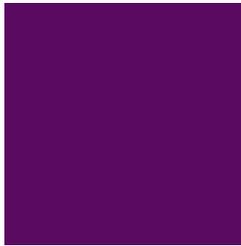
700009



F00013

Previews

White Background



This preview shows how the Hex color 5A0A61 looks on a white background.

Color Contrast Check

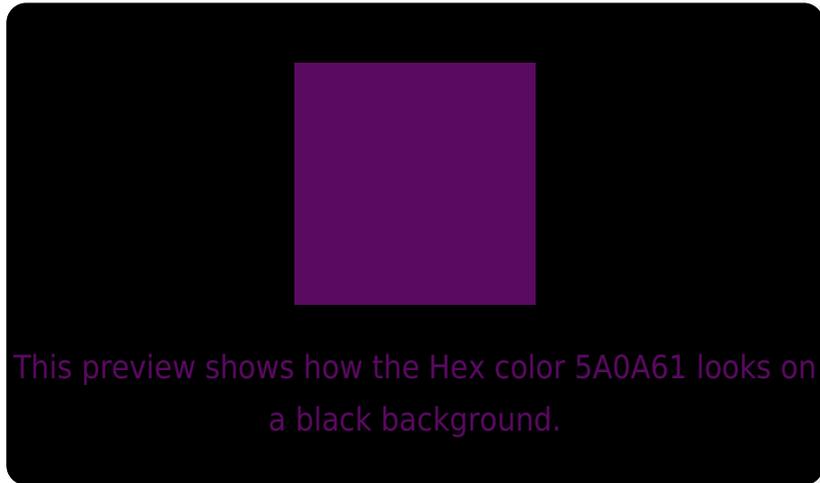
Large Text (above 18pt) WCAG AA ✓ Pass

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

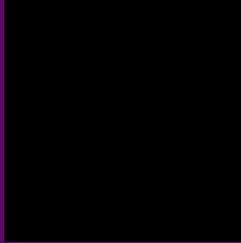
Any Text WCAG AA × Fail

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 5A0A61 Background



This preview shows how black text looks on a background with the Hex color 5A0A61.



This preview shows how white text looks on a background with the Hex color 5A0A61.

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
5A0A61

Protanopia
00336C

Deuteranopia
18365B



Tritanopia
532729

Trichromacy



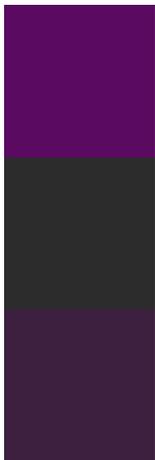
Original Color
5A0A61

Protanomaly
212468

Deuteranomaly
30265D

Tritanomaly
561C3D

Monochromacy



Original Color
5A0A61

Achromatopsia
2C2C2C

Achromatomaly
3D203F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0A61 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 #5A0A61 looks like.

```
.text, #text, p{  
    color:#5A0A61  
}
```

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 #5A0A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0A61
}
```

Border

The CSS property to change the border of an element to Hex 5A0A61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

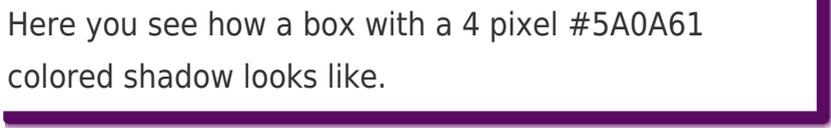
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A0A61 }
```

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

```
.border{ border-color:#5A0A61 }
```

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



Here you see how a box with a 4 pixel #5A0A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0A61; -webkit-box-shadow:4px 4px  
4px 4px #5A0A61; box-shadow:4px 4px 4px  
4px #5A0A61 }
```

Background

The CSS property to change the background color of an element to Hex 5A0A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0A61 }
```

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

```
.background{ background-color:#5A0A61 }
```

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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