

Converting Colors

Hex(5C0A66)

Have a look what the booklet for
Hex(5C0A66) contains.

Hex(5C0A66)	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(5C0A66)

Conversions

Conversions Part 1

Format	Color
Hex	5C0A66
RGB	92, 10, 102
RGB Percent	36%, 4%, 40%
CMY	0.6392, 0.9608, 0.6000
CMYK	0.10, 0.90, 0.00, 0.60
HSL	293°, 82%, 22%
HSV	293°, 90%, 40%
XYZ	6.9204, 3.4517, 12.8719
YIQ	45.0060, 19.3400, 45.9960

Conversions

Conversions Part 2

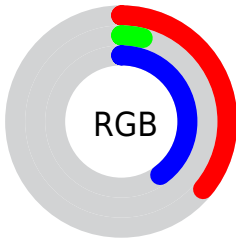
Format	Color
RYB	92, 10, 102
Decimal	6031974
CIELab	21.77, 45.99, -33.04
CIElCh	22, 56.626, 324.306
Yxy	3.4517, 0.2977, 0.1485
Android (android.graphics.Color)	4284222054 (0xFF5C0A66)
YUV	45.0060, 28.0980, 41.2137
Hunter-Lab	18.5788, 33.9771, -28.0726

Details

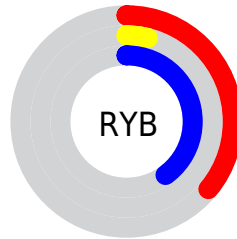
The Hex color **5C0A66** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **14660A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **91439A**, and **2C0036** is the 20% darker color. If you saturate the color by 10%, you get **5B0066**, and if you desaturate by 10%, it is **5D1466**.

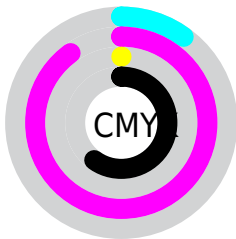
Distribution



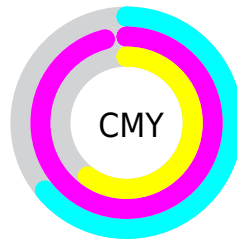
- Red (36%)
- Green (4%)
- Blue (40%)



- Red (36%)
- Yellow (4%)
- Blue (40%)



- Cyan (10%)
- Magenta (90%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (96%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0A66 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 5C0A66 by changing the saturation by 10% instead.

 5C0A66

 5C0A66

FFFFFF

 42004E

 91439A

 2C0036

 AD5DB5

 050020

 C977D0

 000004

 E691ED

 000000

 FFADFF

 FFC9FF

 FFE5FF

 5C0A66

 5C0A66

■ 5B0066

■ 5D1466

■ 5E1E66

■ 5F2966

■ 603366

■ 623D66

■ 634766

■ 645166

■ 655C66

■ 666666

Harmonies

Analogous

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



002D82



5C0A66



76003E

Triad

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



5C0A66



483000



004456

Complementary

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



5C0A66



14660A

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.



00442B



5C0A66



1F3C00

Square

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



5C0A66



661800



004100



004379

Rectangle

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



5C0A66



790023



004100



004448

Sweetspot

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



5C0A66



816185



0A1566



402D42



C2C2C2



424242

Same Dimension

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



5C0A66



760085



660A43



322E33



660073



D800F2

Inverse Universe

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



660A14



85000E



0A662D



332E2E



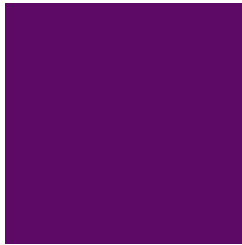
73000C



F2001A

Previews

White Background



This preview shows how the Hex color 5C0A66 looks on a white background.

Color Contrast Check

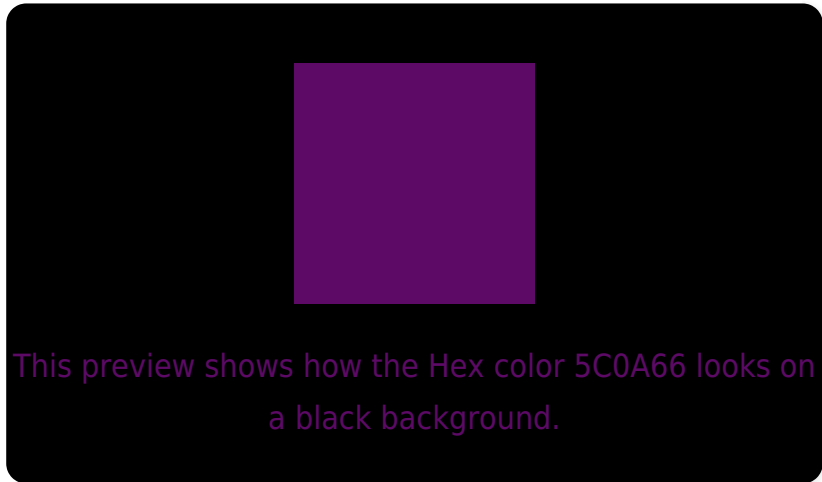
Large Text (above 18pt) WCAG AA ✓ Pass

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

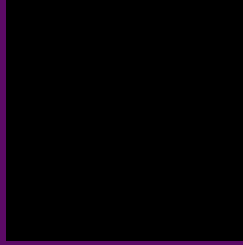
Any Text WCAG AA × Fail

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 5C0A66 Background



This preview shows how black text looks on a background with the Hex color 5C0A66.



This preview shows how white text looks on a background with the Hex color 5C0A66.

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
5C0A66

Protanopia
00356F

Deuteranopia
133760



Tritanopia
55292C

Trichromacy



Original Color
5C0A66



Protanomaly
21256C



Deuteranomaly
2E2762



Tritanomaly
581E41

Monochromacy



Original Color
5C0A66



Achromatopsia
2D2D2D



Achromatomaly
3E2042

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0A66 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 #5C0A66 looks like.

```
.text, #text, p{  
    color:#5C0A66  
}
```

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 #5C0A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0A66
}
```

Border

The CSS property to change the border of an element to Hex 5C0A66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

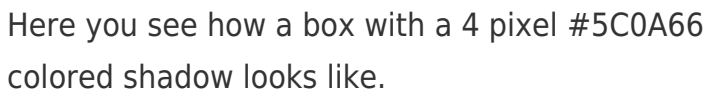
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C0A66 }
```

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

```
.border{ border-color:#5C0A66 }
```

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



Here you see how a box with a 4 pixel #5C0A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0A66; -webkit-box-shadow:4px 4px  
4px 4px #5C0A66; box-shadow:4px 4px 4px  
4px #5C0A66 }
```

Background

The CSS property to change the background color of an element to Hex 5C0A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0A66 }
```

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

```
.background{ background-color:#5C0A66 }
```

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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