

Converting Colors

Hex(5A0973)

Have a look what the booklet for
Hex(5A0973) contains.

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Color

Hex(5A0973)

Conversions

Conversions Part 1

Format	Color
Hex	5A0973
RGB	90, 9, 115
RGB Percent	35%, 4%, 45%
CMY	0.6471, 0.9647, 0.5490
CMYK	0.22, 0.92, 0.00, 0.55
HSL	286°, 85%, 24%
HSV	286°, 92%, 45%
XYZ	7.4086, 3.6068, 16.5254
YIQ	45.3030, 14.2500, 50.1380

Conversions

Conversions Part 2

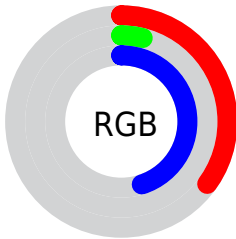
Format	Color
R_{YB}	90, 9, 115
Decimal	5900659
CIE _{Lab}	22.33, 48.38, -40.60
CIE _{LCh}	22, 63.163, 319.998
Yxy	3.6068, 0.2690, 0.1310
Android (android.graphics.Color)	4284090739 (0xFF5A0973)
YUV	45.3030, 34.3606, 39.1993
Hunter-Lab	18.9917, 36.3974, -38.2963

Details

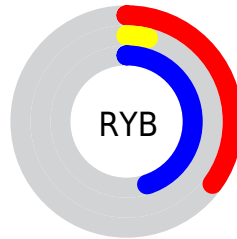
The Hex color **5A0973** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **227309**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9043A8**, and **280042** is the 20% darker color. If you saturate the color by 10%, you get **580073**, and if you desaturate by 10%, it is **5D1473**.

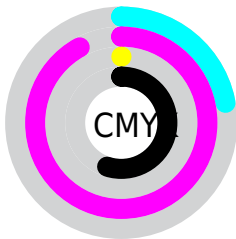
Distribution



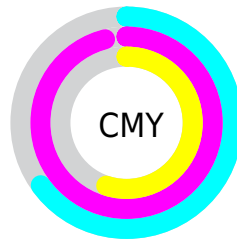
- Red (35%)
- Green (4%)
- Blue (45%)



- Red (35%)
- Yellow (4%)
- Blue (45%)



- Cyan (22%)
- Magenta (92%)
- Yellow (0%)
- Black (55%)



- Cyan (65%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A0973 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 5A0973 by changing the saturation by 10% instead.

■ 5A0973

■ 5A0973

FFFFFF

■ 40005A

■ 9043A8

■ 280042

■ AB5DC3

■ 03002B

■ C877DF

■ 000115

■ E592FC

■ 000000

■ FFADFF

■ FFC9FF

■ FFE6FF

■ 5A0973

■ 5A0973

■ 580073

■ 5D1473

■ 5F2073

■ 622B73

■ 653773

■ 684373

■ 6A4E73

■ 6D5A73

■ 706573

■ 727173

Harmonies

Analogous

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



003190



5A0973



7C0047

Triad

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



5A0973



502E00



004755

Complementary

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



5A0973



227309

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.



004623



5A0973



243C00

Square

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



5A0973



6F0B00



004300



00467E

Rectangle

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



5A0973



820029



004300



004745

Sweetspot

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



5A0973



8D6C96



092473



46324D



CCCCCC



4D4D4D

Same Dimension

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



5A0973



730096



730959



39353B



5E007A



BF00FA

Inverse Universe

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



730922



960023



097324



3B3536



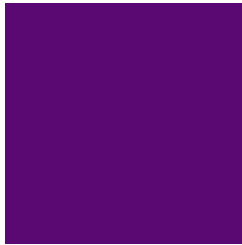
7A001D



FA003B

Previews

White Background



This preview shows how the Hex color 5A0973 looks on a white background.

Color Contrast Check

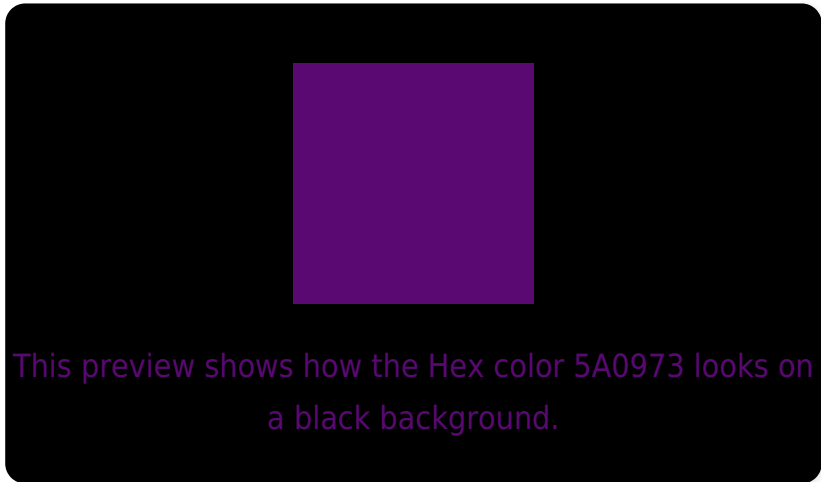
Large Text (above 18pt) WCAG AA ✓ Pass

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

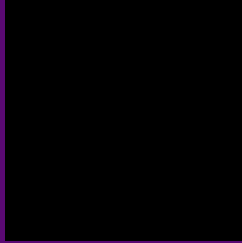
Any Text WCAG AA × Fail

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 5A0973 Background



This preview shows how black text looks on a background with the Hex color 5A0973.



This preview shows how white text looks on a background with the Hex color 5A0973.

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
5A0973

Protanopia
003672

Deuteranopia
003964



Tritanopia
502E31

Trichromacy



Original Color
5A0973

Protanomaly
212672

Deuteranomaly
212869

Tritanomaly
542149

Monochromacy



Original Color
5A0973

Achromatopsia
2D2D2D

Achromatomaly
3D2046

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A0973 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 #5A0973 looks like.

```
.text, #text, p{  
    color:#5A0973  
}
```

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 #5A0973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A0973
}
```

Border

The CSS property to change the border of an element to Hex 5A0973 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
#5A0973 }
```

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

```
.border{ border-color:#5A0973 }
```

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

Here you see how a box with a 4 pixel #5A0973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A0973; -webkit-box-shadow:4px 4px  
4px 4px #5A0973; box-shadow:4px 4px 4px  
4px #5A0973 }
```

Background

The CSS property to change the background color of an element to Hex 5A0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A0973 }
```

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

```
.background{ background-color:#5A0973 }
```

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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