

Converting Colors

Hex(5E2A73)

Have a look what the booklet for
Hex(5E2A73) contains.

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Color

Hex(5E2A73)

Conversions

Conversions Part 1

Format	Color
Hex	5E2A73
RGB	94, 42, 115
RGB Percent	37%, 16%, 45%
CMY	0.6314, 0.8353, 0.5490
CMYK	0.18, 0.63, 0.00, 0.55
HSL	283°, 46%, 31%
HSV	283°, 63%, 45%
XYZ	8.5386, 5.2734, 16.7875
YIQ	65.8700, 7.5590, 33.7270

Conversions

Conversions Part 2

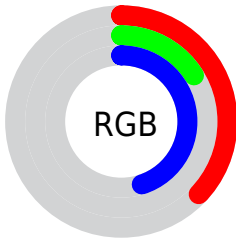
Format	Color
R_{YB}	94, 42, 115
Decimal	6171251
CIE _{Lab}	27.50, 36.43, -32.24
CIE _{LCh}	27, 48.653, 318.491
Yxy	5.2734, 0.2790, 0.1723
Android (android.graphics.Color)	4284361331 (0xFF5E2A73)
YUV	65.8700, 24.2211, 24.6700
Hunter-Lab	22.9639, 26.1840, -27.2685

Details

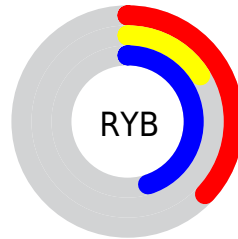
The Hex color **5E2A73** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3F732A**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **935BA7**, and **2C0042** is the 20% darker color. If you saturate the color by 10%, you get **5B1F73**, and if you desaturate by 10%, it is **613673**.

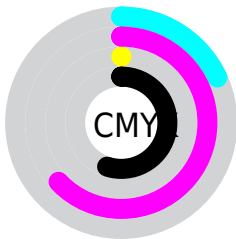
Distribution



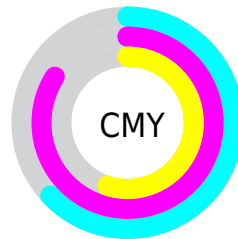
- Red (37%)
- Green (16%)
- Blue (45%)



- Red (37%)
- Yellow (16%)
- Blue (45%)



- Cyan (18%)
- Magenta (63%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2A73 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 5E2A73 by changing the saturation by 10% instead.

■ 5E2A73

■ 5E2A73

FFFFFF

■ 45115A

■ 935BA7

■ 2C0042

■ AE74C3

■ 17002C

■ CA8EDF

■ 000116

■ E6A9FC

■ 000000

■ FFC5FF

■ FFE1FF

FFFEFF

■ 5E2A73

■ 5E2A73

■ 5B1F73

■ 613673

■ 571373

■ 654173

■ 540773

■ 684D73

■ 520073

■ 6B5873

■ 6F6473

■ 726F73

■ 757B73

■ 788673

■ 7C9273

Harmonies

Analogous

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



0E3D89



5E2A73



7B1351

Triad

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



5E2A73



5C3A00



005158

Complementary

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



5E2A73



3F732A

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.



005031



5E2A73



3B4600

Square

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



5E2A73



752806



004D06



004F79

Rectangle

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



5E2A73



810E38



004D06



00514B

Sweetspot

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



5E2A73



8E7A96



2A4073



473B4D



CCCCCC



4D4D4D

Same Dimension

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



5E2A73



762496



732A64



39353B



57007A



B200FA

Inverse Universe

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



732A3F



962445



2A7339



3B3536



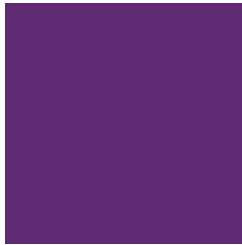
7A0023



FA0048

Previews

White Background



This preview shows how the Hex color 5E2A73 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

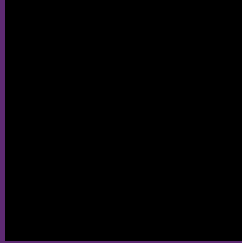
Any Text WCAG AA × Fail

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 5E2A73 Background



This preview shows how black text looks on a background with the Hex color 5E2A73.



This preview shows how white text looks on a background with the Hex color 5E2A73.

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





Tritanopia
563A3E

Trichromacy



Original Color
5E2A73



Protanomaly
223780



Deuteranomaly
383970



Tritanomaly
593451

Monochromacy



Original Color
5E2A73



Achromatopsia
424242



Achromatomaly
4C3954

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2A73 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 #5E2A73 looks like.

```
.text, #text, p{  
    color:#5E2A73  
}
```

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 #5E2A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2A73
}
```

Border

The CSS property to change the border of an element to Hex 5E2A73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

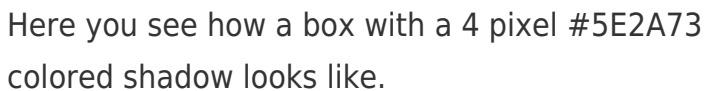
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2A73 }
```

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

```
.border{ border-color:#5E2A73 }
```

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



Here you see how a box with a 4 pixel #5E2A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2A73; -webkit-box-shadow:4px 4px  
4px 4px #5E2A73; box-shadow:4px 4px 4px  
4px #5E2A73 }
```

Background

The CSS property to change the background color of an element to Hex 5E2A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2A73 }
```

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

```
.background{ background-color:#5E2A73 }
```

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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