

Converting Colors

Hex(5E1E73)

Have a look what the booklet for
Hex(5E1E73) contains.

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Color

Hex(5E1E73)

Conversions

Conversions Part 1

Format	Color
Hex	5E1E73
RGB	94, 30, 115
RGB Percent	37%, 12%, 45%
CMY	0.6314, 0.8824, 0.5490
CMYK	0.18, 0.74, 0.00, 0.55
HSL	285°, 59%, 28%
HSV	285°, 74%, 45%
XYZ	8.1749, 4.5460, 16.6663
YIQ	58.8260, 10.8590, 40.0030

Conversions

Conversions Part 2

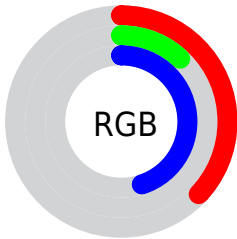
Format	Color
RYB	94, 30, 115
Decimal	6168179
CIELab	25.40, 42.26, -35.61
CIElCh	25, 55.259, 319.884
Yxy	4.5460, 0.2782, 0.1547
Android (android.graphics.Color)	4284358259 (0xFF5E1E73)
YUV	58.8260, 27.6938, 30.8476
Hunter-Lab	21.3214, 31.1264, -31.4200

Details

The Hex color **5E1E73** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **33731E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9350A8**, and **2C0042** is the 20% darker color. If you saturate the color by 10%, you get **5B1273**, and if you desaturate by 10%, it is **612973**.

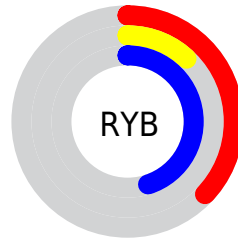
Distribution



Red (37%)

Green (12%)

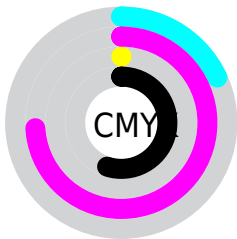
Blue (45%)



Red (37%)

Yellow (12%)

Blue (45%)

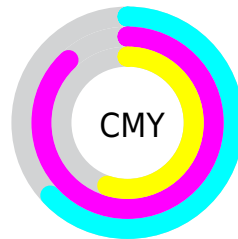


Cyan (18%)

Magenta (74%)

Yellow (0%)

Black (55%)



Cyan (63%)

Magenta (88%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1E73 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 5E1E73 by changing the saturation by 10% instead.

 5E1E73

 5E1E73

FFFFFF

 44005A

 9350A8

 2C0042

 AF6AC3

 13002B

 CB84DF

 000115

 E89FFC

 000000

 FFBBFF

 FFD7FF

 FFF4FF

 5E1E73

 5E1E73

■ 5B1273

■ 612973

■ 580773

■ 643573

■ 570073

■ 674073

■ 694C73

■ 6C5873

■ 6F6373

■ 726F73

■ 757A73

■ 788673

Harmonies

Analogous

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



00388C



5E1E73



7D004C

Triad

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



5E1E73



573500



004D58

Complementary

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



5E1E73



33731E

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.



004C2C



5E1E73



314200

Square

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



5E1E73



731E00



004900



004C7C

Rectangle

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



5E1E73



830031



004900



004D4A

Sweetspot

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



5E1E73



8E7596



1E3373



48394D



CCCCCC



4D4D4D

Same Dimension

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



5E1E73



751196



731E5E



39353B



5C007A



BC00FA

Inverse Universe

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



731E33



961132



1E7333



3B3536



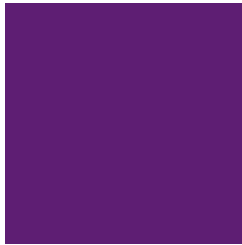
7A001E



FA003E

Previews

White Background



This preview shows how the Hex color 5E1E73 looks on a white background.

Color Contrast Check

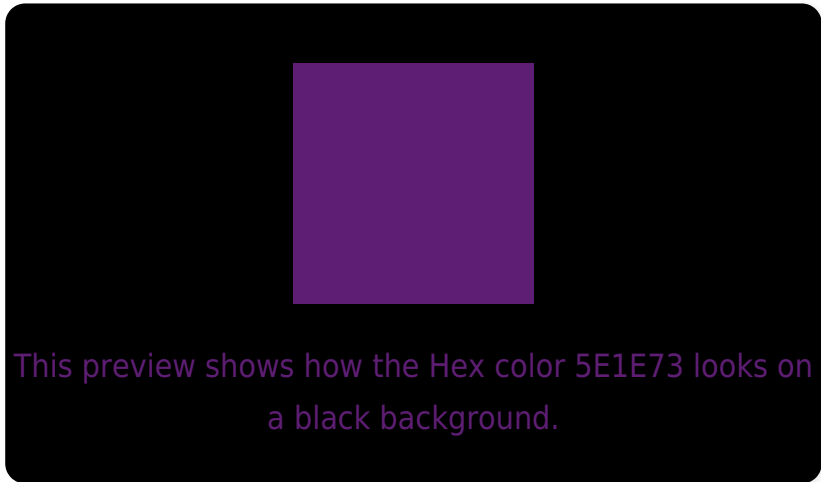
Large Text (above 18pt) WCAG AA ✓ Pass

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

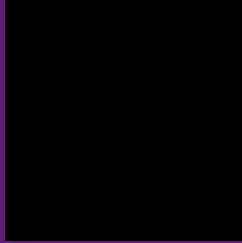
Any Text WCAG AA × Fail

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 5E1E73 Background



This preview shows how black text looks on a background with the Hex color 5E1E73.




This preview shows how white text looks on a background with the Hex color 5E1E73.

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](#).

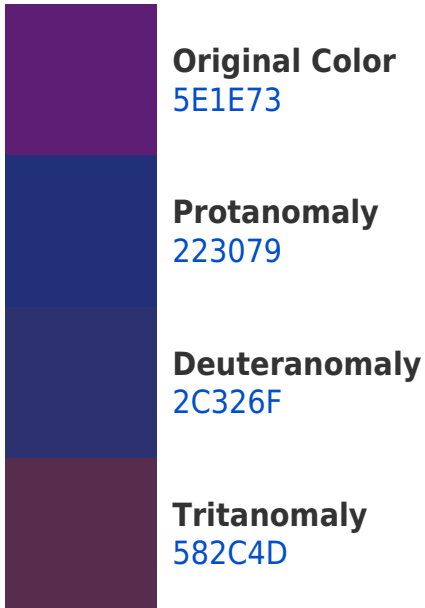
Dichromacy



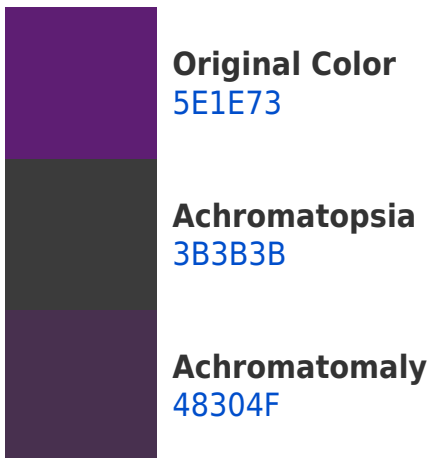


Tritanopia
553437

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1E73 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 #5E1E73 looks like.

```
.text, #text, p{  
    color:#5E1E73  
}
```

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 #5E1E73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1E73  
}
```

Border

The CSS property to change the border of an element to Hex 5E1E73 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  
#5E1E73 }
```

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

```
.border{ border-color:#5E1E73 }
```

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

Here you see how a box with a 4 pixel #5E1E73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1E73; -webkit-box-shadow:4px 4px  
4px 4px #5E1E73; box-shadow:4px 4px 4px  
4px #5E1E73 }
```

Background

The CSS property to change the background color of an element to Hex 5E1E73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1E73 }
```

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

```
.background{ background-color:#5E1E73 }
```

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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