

Converting Colors

Hex(5E1746)

Have a look what the booklet for
Hex(5E1746) contains.

Hex(5E1746)	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(5E1746)

Conversions

Conversions Part 1

Format	Color
Hex	5E1746
RGB	94, 23, 70
RGB Percent	37%, 9%, 27%
CMY	0.6314, 0.9098, 0.7255
CMYK	0.00, 0.76, 0.26, 0.63
HSL	320°, 61%, 23%
HSV	320°, 76%, 37%
XYZ	6.0280, 3.4347, 6.1396
YIQ	49.5870, 27.2290, 29.6690

Conversions

Conversions Part 2

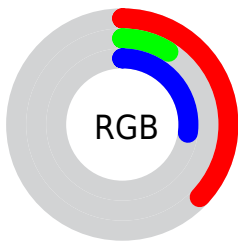
Format	Color
RYB	94, 23, 70
Decimal	6166342
CIELab	21.71, 36.87, -11.68
CIElCh	22, 38.672, 342.418
Yxy	3.4347, 0.3864, 0.2201
Android (android.graphics.Color)	4284356422 (0xFF5E1746)
YUV	49.5870, 10.0636, 38.9502
Hunter-Lab	18.5329, 25.6262, -6.6687




Details

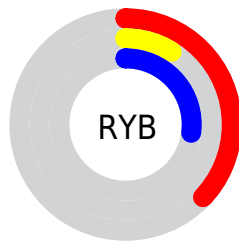
The Hex color **5E1746** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **175E2F**, and the grayscale version is **313131**.




A 20% lighter version of the original color is **934976**, and **2E001B** is the 20% darker color. If you saturate the color by 10%, you get **5E0E43**, and if you desaturate by 10%, it is **5E2049**.

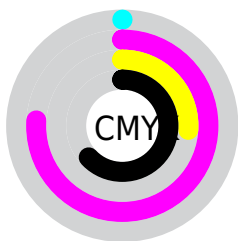
Distribution







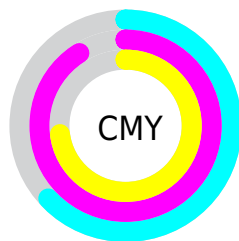
-  Red (37%)
-  Green (9%)
-  Blue (27%)






-  Red (37%)
-  Yellow (9%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (76%)
-  Yellow (26%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (91%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1746 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 5E1746 by changing the saturation by 10% instead.

 5E1746

 5E1746

FFFFFF

 450030

 934976

 2E001B

 AE6290

 030000

 CB7CAB

 000000

 E797C6

 FFB2E2

 FFCEFF

 FFE0FF

 5E1746

 5E1746

■ 5E0E43

■ 5E2049

■ 5E0440

■ 5E2A4C

■ 5E003E

■ 5E3350

■ 5E3D53

■ 5E4656

■ 5E4F59

■ 5E595C

■ 5E625F

■ 5E6C63

Harmonies

Analogous

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



44265F



5E1746



661229

Triad

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



5E1746



373600



00405A

Complementary

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



5E1746



175E2F

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.



004140



5E1746



133D02

Square

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



5E1746



4F2C00



004022



003C6B

Rectangle

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



5E1746



631A17



004022



004052

Sweetspot

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



5E1746



7A5E71



2F175E



3D2C37



BDBDBD



3D3D3D

Same Dimension

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



5E1746



7A0B55



5E1723



2E292C



6E0049



ED009D

Inverse Universe

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



5E1746



7A0B55



175E52



2E292C



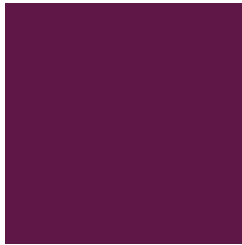
6E0049



ED009D

Previews

White Background



This preview shows how the Hex color 5E1746 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

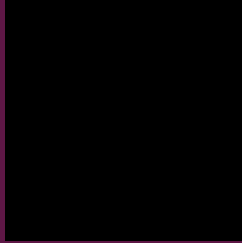
Any Text WCAG AA × Fail

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 5E1746 Background



This preview shows how black text looks on a background with the Hex color 5E1746.



This preview shows how white text looks on a background with the Hex color 5E1746.

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
5E1746

Protanopia
24345C

Deuteranopia
353542



Tritanopia
5B2224

Trichromacy



Original Color
5E1746

Protanomaly
392954

Deuteranomaly
442A43

Tritanomaly
5C1E30

Monochromacy



Original Color
5E1746

Achromatopsia
323232

Achromatomaly
422839

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1746 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 #5E1746 looks like.

```
.text, #text, p{  
    color:#5E1746  
}
```

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 #5E1746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1746
}
```

Border

The CSS property to change the border of an element to Hex 5E1746 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".

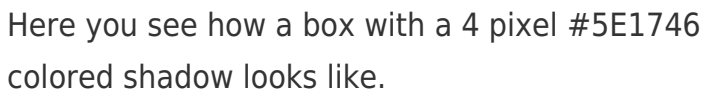
```
.border, #border, table{ border:4px solid
#5E1746 }
```

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

```
.border{ border-color:#5E1746 }
```

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

Here you see how a box with a 4 pixel #5E1746 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1746; -webkit-box-shadow:4px 4px  
4px 4px #5E1746; box-shadow:4px 4px 4px  
4px #5E1746 }
```

Background

The CSS property to change the background color of an element to Hex 5E1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1746 }
```

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

```
.background{ background-color:#5E1746 }
```

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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