

Converting Colors

Hex(5E1E48)

Have a look what the booklet for
Hex(5E1E48) contains.

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Color

Hex(5E1E48)

Conversions

Conversions Part 1

Format	Color
Hex	5E1E48
RGB	94, 30, 72
RGB Percent	37%, 12%, 28%
CMY	0.6314, 0.8824, 0.7176
CMYK	0.00, 0.68, 0.23, 0.63
HSL	321°, 52%, 24%
HSV	321°, 68%, 37%
XYZ	6.2501, 3.7761, 6.5303
YIQ	53.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

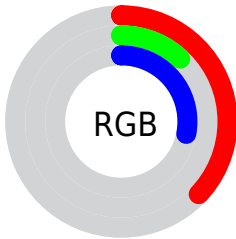
Format	Color
R_{YB}	94, 30, 72
Decimal	6168136
CIE _{Lab}	22.92, 34.07, -11.19
CIE _{LCh}	23, 35.859, 341.819
Yxy	3.7761, 0.3775, 0.2281
Android (android.graphics.Color)	4284358216 (0xFF5E1E48)
YUV	53.9240, 8.9115, 35.1467
Hunter-Lab	19.4322, 23.4053, -6.3223

Details

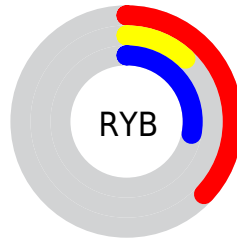
The Hex color **5E1E48** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1E5E34**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **934F79**, and **2E001D** is the 20% darker color. If you saturate the color by 10%, you get **5E1545**, and if you desaturate by 10%, it is **5E274B**.

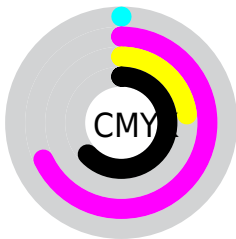
Distribution



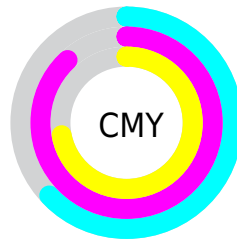
- Red (37%)
- Green (12%)
- Blue (28%)



- Red (37%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (23%)
- Black (63%)



- Cyan (63%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E1E48 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 5E1E48 by changing the saturation by 10% instead.

 5E1E48

 5E1E48

FFFFFF

 450331

 934F79

 2E001D

 AE6892

 090000

 CA82AD

 000000

 E79CC8

 FFB8E4

 FFD4FF

 FFF0FF

 5E1E48

 5E1E48

■ 5E1545

■ 5E274B

■ 5E0B42

■ 5E314E

■ 5E023E

■ 5E3A52

■ 5E003E

■ 5E4455

■ 5E4D58

■ 5E565B

■ 5E605F

■ 5E6962

■ 5E7365

Harmonies

Analogous

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



452A5F



5E1E48



661A2D

Triad

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



5E1E48



3A3900



00425A

Complementary

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



5E1E48



1E5E34

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.



004341



5E1E48



1B3F0A

Square

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



5E1E48



502F00



004225



003E6A

Rectangle

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



5E1E48



64201C



004225



004352

Sweetspot

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



5E1E48



7A6272



331E5E



3D2F38



BDBDBD



3D3D3D

Same Dimension

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



5E1E48



7A1658



5E1E29



2E292C



6E0048



ED009C

Inverse Universe

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



5E1E48



7A1658



1E5E53



2E292C



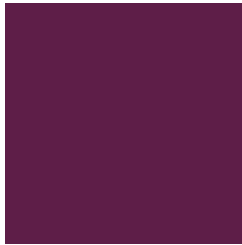
6E0048



ED009C

Previews

White Background



This preview shows how the Hex color 5E1E48 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

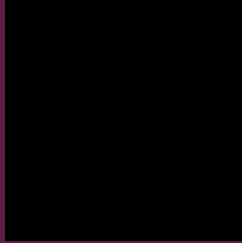
Any Text WCAG AA × Fail

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 5E1E48 Background



This preview shows how black text looks on a background with the Hex color 5E1E48.



This preview shows how white text looks on a background with the Hex color 5E1E48.

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
5E1E48

Protanopia
2A375B

Deuteranopia
373744



Tritanopia
5B2629

Trichromacy



Original Color
5E1E48

Protanomaly
3D2E54

Deuteranomaly
452E45

Tritanomaly
5C2334

Monochromacy



Original Color
5E1E48

Achromatopsia
363636

Achromatomaly
452D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E1E48 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 #5E1E48 looks like.

```
.text, #text, p{  
    color:#5E1E48  
}
```

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 #5E1E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1E48  
}
```

Border

The CSS property to change the border of an element to Hex 5E1E48 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  
#5E1E48 }
```

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

```
.border{ border-color:#5E1E48 }
```

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

Here you see how a box with a 4 pixel #5E1E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1E48; -webkit-box-shadow:4px 4px  
4px 4px #5E1E48; box-shadow:4px 4px 4px  
4px #5E1E48 }
```

Background

The CSS property to change the background color of an element to Hex 5E1E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1E48 }
```

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

```
.background{ background-color:#5E1E48 }
```

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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