

Converting Colors

Hex(5D1E47)

Have a look what the booklet for
Hex(5D1E47) contains.

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Color

Hex(5D1E47)

Conversions

Conversions Part 1

Format	Color
Hex	5D1E47
RGB	93, 30, 71
RGB Percent	36%, 12%, 28%
CMY	0.6353, 0.8824, 0.7216
CMYK	0.00, 0.68, 0.24, 0.64
HSL	321°, 51%, 24%
HSV	321°, 68%, 36%
XYZ	6.1158, 3.7106, 6.3551
YIQ	53.5110, 24.3870, 26.1070

Conversions

Conversions Part 2

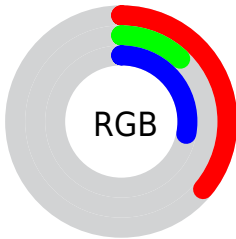
Format	Color
RYB	93, 30, 71
Decimal	6102599
CIELab	22.69, 33.59, -10.87
CIELCh	23, 35.304, 342.064
Yxy	3.7106, 0.3779, 0.2293
Android (android.graphics.Color)	4284292679 (0xFF5D1E47)
YUV	53.5110, 8.6221, 34.6319
Hunter-Lab	19.2630, 22.9616, -6.0764

Details

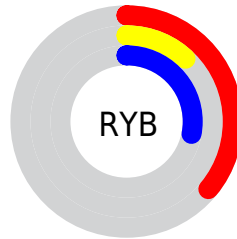
The Hex color **5D1E47** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1E5D34**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **914F77**, and **2D001C** is the 20% darker color. If you saturate the color by 10%, you get **5D1544**, and if you desaturate by 10%, it is **5D274A**.

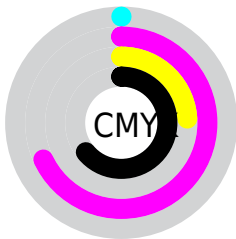
Distribution



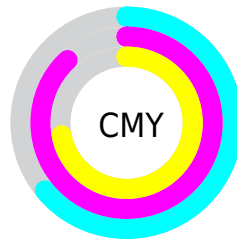
- Red (36%)
- Green (12%)
- Blue (28%)



- Red (36%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (24%)
- Black (64%)



- Cyan (64%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1E47 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 5D1E47 by changing the saturation by 10% instead.

■ 5D1E47

■ 5D1E47

FFFFFF

■ 440331

■ 914F77

■ 2D001C

■ AD6891

■ 050000

■ C982AC

■ 000000

■ E59CC7

■ FFB7E3

■ FFD3FF

■ FFF0FF

■ 5D1E47

■ 5D1E47

■ 5D1544

■ 5D274A

■ 5D0B41

■ 5D314D

■ 5D023D

■ 5D3A51

■ 5D003D

■ 5D4354

■ 5D4D57

■ 5D565A

■ 5D5F5E

■ 5D6861

■ 5D7264

Harmonies

Analogous

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



452A5E



5D1E47



651B2D

Triad

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



5D1E47



393800



004159

Complementary

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



5D1E47



1E5D34

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.



004240



5D1E47



1B3E0B

Square

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



5D1E47



4F2F00



004125



003D68

Rectangle

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



5D1E47



62201C



004125



004251

Sweetspot

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



5D1E47



78606F



331E5D



3D2F38



BDBDBD



3D3D3D

Same Dimension

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



5D1E47



781756



5D1E29



2E292C



6E0047



ED009A

Inverse Universe

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



5D1E47



781756



1E5D52



2E292C



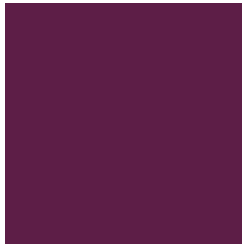
6E0047



ED009A

Previews

White Background



This preview shows how the Hex color 5D1E47 looks on a white background.

Color Contrast Check

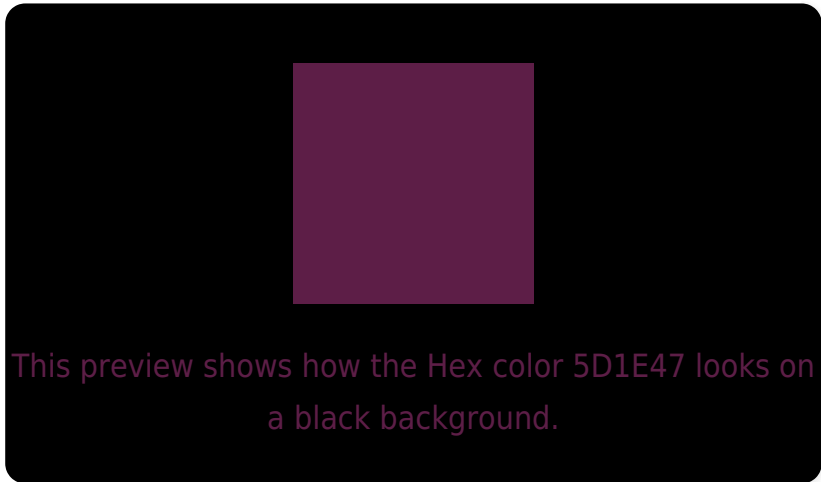
Large Text (above 18pt) WCAG AA ✓ Pass

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

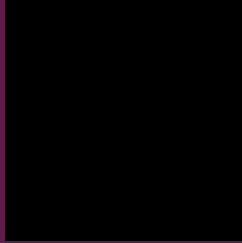
Any Text WCAG AA × Fail

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 5D1E47 Background



This preview shows how black text looks on a background with the Hex color 5D1E47.



This preview shows how white text looks on a background with the Hex color 5D1E47.

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
5D1E47

Protanopia
2A365A

Deuteranopia
373643



Tritanopia
5A2629

Trichromacy



Original Color
5D1E47

Protanomaly
3D2D53

Deuteranomaly
452D44

Tritanomaly
5B2334

Monochromacy



Original Color
5D1E47

Achromatopsia
363636

Achromatomaly
442D3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1E47 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 #5D1E47 looks like.

```
.text, #text, p{  
    color:#5D1E47  
}
```

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 #5D1E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1E47
}
```

Border

The CSS property to change the border of an element to Hex 5D1E47 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
#5D1E47 }
```

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

```
.border{ border-color:#5D1E47 }
```

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

Here you see how a box with a 4 pixel #5D1E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1E47; -webkit-box-shadow:4px 4px  
4px 4px #5D1E47; box-shadow:4px 4px 4px  
4px #5D1E47 }
```

Background

The CSS property to change the background color of an element to Hex 5D1E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1E47 }
```

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

```
.background{ background-color:#5D1E47 }
```

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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