

Converting Colors

Hex(5E3068)

Have a look what the booklet for
Hex(5E3068) contains.

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Color

Hex(5E3068)

Conversions

Conversions Part 1

Format	Color
Hex	5E3068
RGB	94, 48, 104
RGB Percent	37%, 19%, 41%
CMY	0.6314, 0.8118, 0.5922
CMYK	0.10, 0.54, 0.00, 0.59
HSL	289°, 37%, 30%
HSV	289°, 54%, 41%
XYZ	8.1717, 5.4931, 13.7263
YIQ	68.1380, 9.4400, 27.1680

Conversions

Conversions Part 2

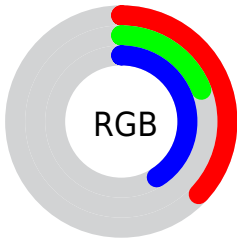
Format	Color
RYB	94, 48, 104
Decimal	6172776
CIELab	28.10, 30.61, -24.26
CIELCh	28, 39.057, 321.608
Yxy	5.4931, 0.2983, 0.2005
Android (android.graphics.Color)	4284362856 (0xFF5E3068)
YUV	68.1380, 17.6800, 22.6810
Hunter-Lab	23.4373, 21.2213, -18.3177

Details

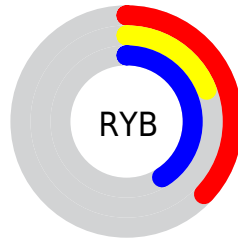
The Hex color **5E3068** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6830**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **92609B**, and **2E0238** is the 20% darker color. If you saturate the color by 10%, you get **5C2668**, and if you desaturate by 10%, it is **603A68**.

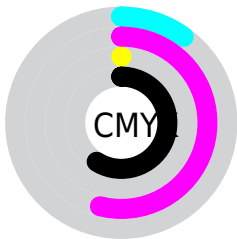
Distribution



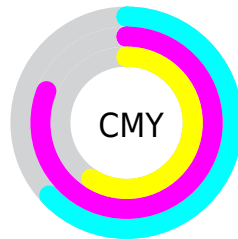
- Red (37%)
- Green (19%)
- Blue (41%)



- Red (37%)
- Yellow (19%)
- Blue (41%)



- Cyan (10%)
- Magenta (54%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (81%)
- Yellow (59%)
- Black (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3068 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 5E3068 by changing the saturation by 10% instead.

■ 5E3068

■ 5E3068

FFFFFF

■ 451950

■ 92609B

■ 2E0238

■ AD79B6

■ 190023

■ C994D2

■ 000009

■ E5AFEF

■ 000000

■ FFCAFF

■ FFE7FF

■ 5E3068

■ 5E3068

■ 5C2668

■ 603A68

■ 5A1B68

■ 624568

■ 581168

■ 644F68

■ 570668

■ 655A68

■ 550068

■ 676468

■ 696E68

■ 6B7968

■ 6D8368

■ 6F8E68

Harmonies

Analogous

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



303E7B



5E3068



74244C

Triad

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



5E3068



583E00



005058

Complementary

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



5E3068



3A6830

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.



005039



5E3068



3C4700

Square

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



5E3068



6D3113



124D1A



004E71

Rectangle

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



5E3068



782338



124D1A



00504D

Sweetspot

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



5E3068



837287



303A68



433845



C4C4C4



454545

Same Dimension

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



5E3068



772F87



683056



322E33



5E0073



C700F2

Inverse Universe

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



68303A



872F3F



306842



332E2F



730014



F2002B

Previews

White Background



This preview shows how the Hex color 5E3068 looks on a white background.

Color Contrast Check

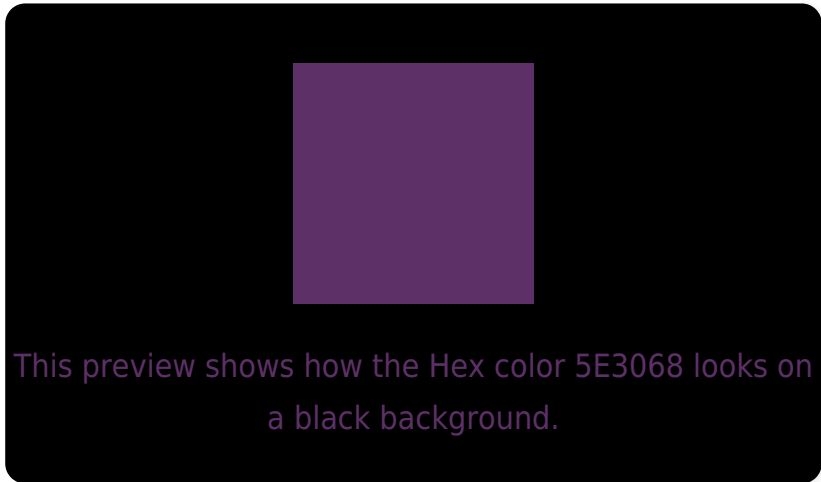
Large Text (above 18pt) WCAG AA ✓ Pass

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

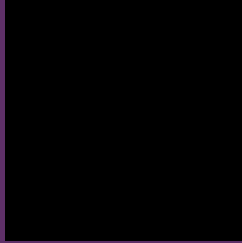
Any Text WCAG AA × Fail

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 5E3068 Background



This preview shows how black text looks on a background with the Hex color 5E3068.



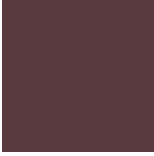
This preview shows how white text looks on a background with the Hex color 5E3068.

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
583A3F

Trichromacy



Original Color
5E3068

Protanomaly
3C3B72

Deuteranomaly
433C66

Tritanomaly
5A364E

Monochromacy



Original Color
5E3068

Achromatopsia
444444

Achromatomaly
4D3D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3068 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 #5E3068 looks like.

```
.text, #text, p{  
    color:#5E3068  
}
```

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 #5E3068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3068
}
```

Border

The CSS property to change the border of an element to Hex 5E3068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

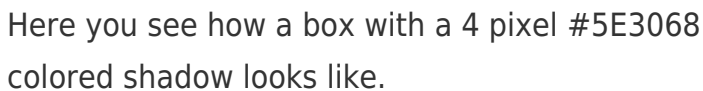
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3068 }
```

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

```
.border{ border-color:#5E3068 }
```

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



Here you see how a box with a 4 pixel #5E3068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3068; -webkit-box-shadow:4px 4px  
4px 4px #5E3068; box-shadow:4px 4px 4px  
4px #5E3068 }
```

Background

The CSS property to change the background color of an element to Hex 5E3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3068 }
```

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

```
.background{ background-color:#5E3068 }
```

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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