

Converting Colors

Hex(5E3367)

Have a look what the booklet for
Hex(5E3367) contains.

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Color

Hex(5E3367)

Conversions

Conversions Part 1

Format	Color
Hex	5E3367
RGB	94, 51, 103
RGB Percent	37%, 20%, 40%
CMY	0.6314, 0.8000, 0.5961
CMYK	0.09, 0.50, 0.00, 0.60
HSL	290°, 34%, 30%
HSV	290°, 50%, 40%
XYZ	8.2481, 5.7266, 13.5026
YIQ	69.7850, 8.9360, 25.2880

Conversions

Conversions Part 2

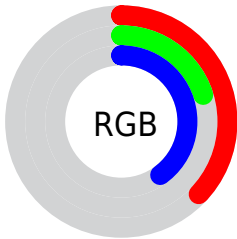
Format	Color
R_{YB}	94, 51, 103
Decimal	6173543
CIE _{Lab}	28.71, 28.64, -22.65
CIE _{LCh}	29, 36.512, 321.667
Yxy	5.7266, 0.3002, 0.2084
Android (android.graphics.Color)	4284363623 (0xFF5E3367)
YUV	69.7850, 16.3750, 21.2366
Hunter-Lab	23.9303, 19.6458, -16.7029

Details

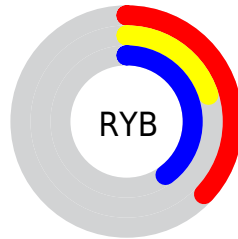
The Hex color **5E3367** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C6733**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **92639A**, and **2E0538** is the 20% darker color. If you saturate the color by 10%, you get **5C2967**, and if you desaturate by 10%, it is **603D67**.

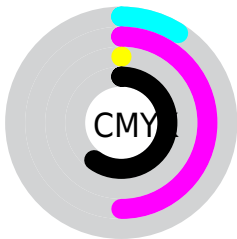
Distribution



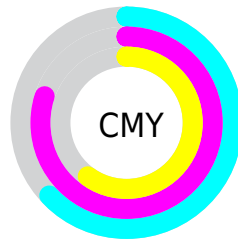
- Red (37%)
- Green (20%)
- Blue (40%)



- Red (37%)
- Yellow (20%)
- Blue (40%)



- Cyan (9%)
- Magenta (50%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3367 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 5E3367 by changing the saturation by 10% instead.

■ 5E3367

■ 5E3367

FFFFFF

■ 451C4F

■ 92639A

■ 2E0538

■ AD7CB5

■ 1B0022

■ C897D1

■ 000008

■ E5B2ED

■ 000000

■ FFCDFE

■ FFEAFF

■ 5E3367

■ 5E3367

■ 5C2967

■ 603D67

■ 5A1E67

■ 624867

■ 591467

■ 635267

■ 570A67

■ 655C67

■ 550067

■ 676767

■ 697167

■ 6A7B67

■ 6C8567

■ 6E9067

Harmonies

Analogous

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



354078



5E3367



72294D

Triad

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



5E3367



584005



005158

Complementary

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



5E3367



3C6733

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.



00503B



5E3367



3E4808

Square

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



5E3367



6C3418



194E1F



004F6F

Rectangle

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



5E3367



77283A



194E1F



00514E

Sweetspot

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



5E3367



847387



333D67



433845



C4C4C4



454545

Same Dimension

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



5E3367



793587



673357



322E33



5F0073



C800F2

Inverse Universe

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



67333C



873543



336743



332E2F



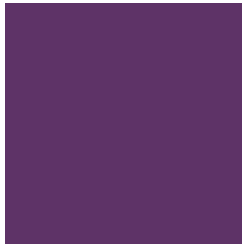
730014



F2002A

Previews

White Background



This preview shows how the Hex color 5E3367 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

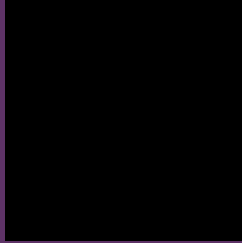
Any Text WCAG AA × Fail

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 5E3367 Background



This preview shows how black text looks on a background with the Hex color 5E3367.



This preview shows how white text looks on a background with the Hex color 5E3367.

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](#).

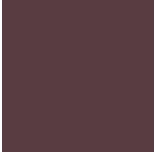
Dichromacy



Original Color
5E3367

Protanopia
2E4375

Deuteranopia
374464



Tritanopia
593C41

Trichromacy



Original Color
5E3367

Protanomaly
3F3D70

Deuteranomaly
453E65

Tritanomaly
5B394F

Monochromacy



Original Color
5E3367

Achromatopsia
464646

Achromatomaly
4F3F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3367 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 #5E3367 looks like.

```
.text, #text, p{  
    color:#5E3367  
}
```

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 #5E3367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3367
}
```

Border

The CSS property to change the border of an element to Hex 5E3367 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
#5E3367 }
```

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

```
.border{ border-color:#5E3367 }
```

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

Here you see how a box with a 4 pixel #5E3367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3367; -webkit-box-shadow:4px 4px  
4px 4px #5E3367; box-shadow:4px 4px 4px  
4px #5E3367 }
```

Background

The CSS property to change the background color of an element to Hex 5E3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3367 }
```

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

```
.background{ background-color:#5E3367 }
```

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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