

Converting Colors

Hex(5E2443)

Have a look what the booklet for
Hex(5E2443) contains.

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Color

Hex(5E2443)

Conversions

Conversions Part 1

Format	Color
Hex	5E2443
RGB	94, 36, 67
RGB Percent	37%, 14%, 26%
CMY	0.6314, 0.8588, 0.7373
CMYK	0.00, 0.62, 0.29, 0.63
HSL	328°, 45%, 25%
HSV	328°, 62%, 37%
XYZ	6.2601, 4.0467, 5.7613
YIQ	56.8760, 24.6170, 21.9370

Conversions

Conversions Part 2

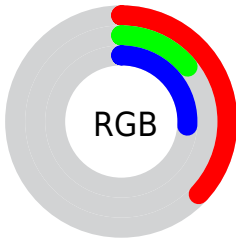
Format	Color
RYB	94, 36, 67
Decimal	6169667
CIELab	23.83, 30.26, -6.42
CIElCh	24, 30.936, 348.021
Yxy	4.0467, 0.3896, 0.2518
Android (android.graphics.Color)	4284359747 (0xFF5E2443)
YUV	56.8760, 4.9911, 32.5577
Hunter-Lab	20.1164, 20.3444, -2.8992

Details

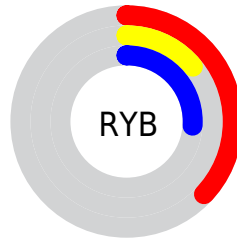
The Hex color **5E2443** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **245E3F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **925473**, and **2E0018** is the 20% darker color. If you saturate the color by 10%, you get **5E1B3F**, and if you desaturate by 10%, it is **5E2D47**.

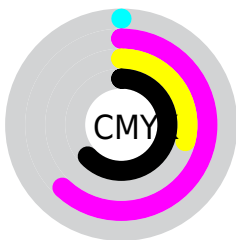
Distribution



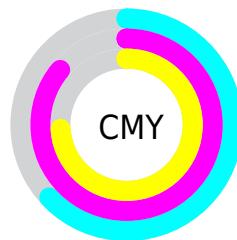
- Red (37%)
- Green (14%)
- Blue (26%)



- Red (37%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (62%)
- Yellow (29%)
- Black (63%)



- Cyan (63%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2443 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 5E2443 by changing the saturation by 10% instead.

 5E2443

 5E2443

FFFFFF

 450B2D

 925473

 2E0018

 AE6D8C

 0A0000

 CA87A7

 000000

 E6A1C2

 FFBDE

 FFD9FB

 FFF6FF

 5E2443

 5E2443

■ 5E1B3F

■ 5E2D47

■ 5E113A

■ 5E374C

■ 5E0836

■ 5E4050

■ 5E0032

■ 5E4A55

■ 5E5359

■ 5E5C5D

■ 5E6662

■ 5E6F66

■ 5E796A

Harmonies

Analogous

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



4B2C58



5E2443



63232C

Triad

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



5E2443



373C07



00425B

Complementary

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



5E2443



245E3F

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.



004446



5E2443



1B4118

Square

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



5E2443



4C3407



00432E



003E66

Rectangle

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



5E2443



5F281D



00432E



004355

Sweetspot

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



5E2443



7A6370



3E245E



3D2F37



BDBDBD



3D3D3D

Same Dimension

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



5E2443



7A2050



5E2427



2E292C



6E003B



ED007F

Inverse Universe

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



5E2443



7A2050



245E5B



2E292C



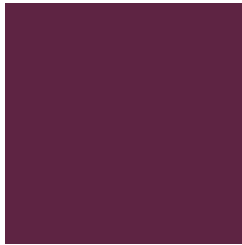
6E003B



ED007F

Previews

White Background



This preview shows how the Hex color 5E2443 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

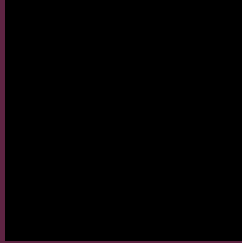
Any Text WCAG AA × Fail

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 5E2443 Background



This preview shows how black text looks on a background with the Hex color 5E2443.



This preview shows how white text looks on a background with the Hex color 5E2443.

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
5E2443

Protanopia
323952

Deuteranopia
3C3840



Tritanopia
5C292C

Trichromacy



Original Color
5E2443

Protanomaly
42314D

Deuteranomaly
483141

Tritanomaly
5D2734

Monochromacy



Original Color
5E2443

Achromatopsia
393939

Achromatomaly
46313D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2443 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 #5E2443 looks like.

```
.text, #text, p{  
    color:#5E2443  
}
```

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 #5E2443 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2443
}
```

Border

The CSS property to change the border of an element to Hex 5E2443 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
#5E2443 }
```

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

```
.border{ border-color:#5E2443 }
```

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

Here you see how a box with a 4 pixel #5E2443 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2443; -webkit-box-shadow:4px 4px  
4px 4px #5E2443; box-shadow:4px 4px 4px  
4px #5E2443 }
```

Background

The CSS property to change the background color of an element to Hex 5E2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2443 }
```

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

```
.background{ background-color:#5E2443 }
```

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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