

Converting Colors

Hex(5E255B)

Have a look what the booklet for
Hex(5E255B) contains.

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Color

Hex(5E255B)

Conversions

Conversions Part 1

Format	Color
Hex	5E255B
RGB	94, 37, 91
RGB Percent	37%, 15%, 36%
CMY	0.6314, 0.8549, 0.6431
CMYK	0.00, 0.61, 0.03, 0.63
HSL	303°, 44%, 26%
HSV	303°, 61%, 37%
XYZ	7.1660, 4.4582, 10.3803
YIQ	60.1990, 16.6380, 28.8780

Conversions

Conversions Part 2

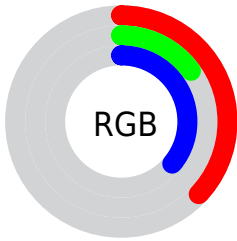
Format	Color
R_{YB}	94, 37, 91
Decimal	6169947
CIE _{Lab}	25.13, 33.94, -20.45
CIE _{LCh}	25, 39.620, 328.928
Yxy	4.4582, 0.3257, 0.2026
Android (android.graphics.Color)	4284360027 (0xFF5E255B)
YUV	60.1990, 15.1849, 29.6435
Hunter-Lab	21.1143, 23.6310, -14.3685

Details

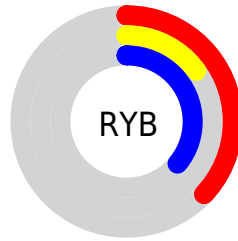
The Hex color **5E255B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **255E28**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **92558D**, and **2E002D** is the 20% darker color. If you saturate the color by 10%, you get **5E1C5B**, and if you desaturate by 10%, it is **5E2E5B**.

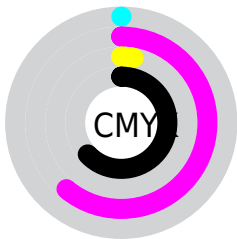
Distribution



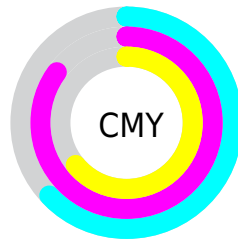
- Red (37%)
- Green (15%)
- Blue (36%)



- Red (37%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (61%)
- Yellow (3%)
- Black (63%)



- Cyan (63%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E255B 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 5E255B by changing the saturation by 10% instead.



5E255B



5E255B

FFFFFF



450C43



92558D



2E002D



AD6FA8



120018



C989C3



000000



E6A3DF



FFBFFC



FFDBFF



FFF8FF



5E255B



5E255B

■ 5E1C5B

■ 5E2E5B

■ 5E125A

■ 5E385C

■ 5E095A

■ 5E415C

■ 5E0059

■ 5E4B5D

■ 5E545D

■ 5E5D5E

■ 5E675E

■ 5E705F

■ 5E7A5F

Harmonies

Analogous

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



373470



5E255B



6F1A3E

Triad

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



5E255B



4A3A00



004958

Complementary

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



5E255B



255E28

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.



00493A



5E255B



2D4200

Square

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



5E255B



612E04



00471B



00466F

Rectangle

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



5E255B



701C2A



00471B



00494E

Sweetspot

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



5E255B



7A6479



28255E



3D303C



BDBDBD



3D3D3D

Same Dimension

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



5E255B



7A2176



5E253F



2E292E



6E0068



ED00E1

Inverse Universe

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



5E255B



7A2176



255E44



2E292E



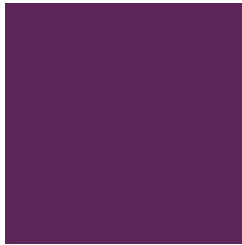
6E0068



ED00E1

Previews

White Background



This preview shows how the Hex color 5E255B 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

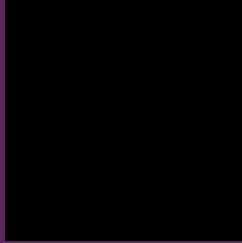
Any Text WCAG AA × Fail

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 5E255B Background



This preview shows how black text looks on a background with the Hex color 5E255B.




This preview shows how white text looks on a background with the Hex color 5E255B.

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
593033

Trichromacy



Original Color
5E255B

Protanomaly
383367

Deuteranomaly
423458

Tritanomaly
5B2C42

Monochromacy



Original Color
5E255B

Achromatopsia
3C3C3C

Achromatomaly
483447

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E255B 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 #5E255B looks like.

```
.text, #text, p{  
    color:#5E255B  
}
```

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 #5E255B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E255B
}
```

Border

The CSS property to change the border of an element to Hex 5E255B 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
#5E255B }
```

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

```
.border{ border-color:#5E255B }
```

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

Here you see how a box with a 4 pixel #5E255B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E255B; -webkit-box-shadow:4px 4px  
4px 4px #5E255B; box-shadow:4px 4px 4px  
4px #5E255B }
```

Background

The CSS property to change the background color of an element to Hex 5E255B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E255B }
```

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

```
.background{ background-color:#5E255B }
```

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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