

Converting Colors

Hex(5E245A)

Have a look what the booklet for
Hex(5E245A) contains.

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Color

Hex(5E245A)

Conversions

Conversions Part 1

Format	Color
Hex	5E245A
RGB	94, 36, 90
RGB Percent	37%, 14%, 35%
CMY	0.6314, 0.8588, 0.6471
CMYK	0.00, 0.62, 0.04, 0.63
HSL	304°, 45%, 25%
HSV	304°, 62%, 37%
XYZ	7.0924, 4.3796, 10.1444
YIQ	59.4980, 17.2340, 29.0900

Conversions

Conversions Part 2

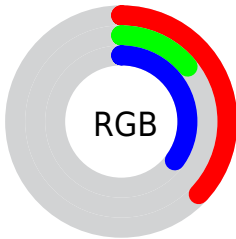
Format	Color
RYB	94, 36, 90
Decimal	6169690
CIELab	24.89, 34.26, -20.17
CIElCh	25, 39.754, 329.511
Yxy	4.3796, 0.3281, 0.2026
Android (android.graphics.Color)	4284359770 (0xFF5E245A)
YUV	59.4980, 15.0375, 30.2583
Hunter-Lab	20.9275, 23.8712, -14.0909

Details

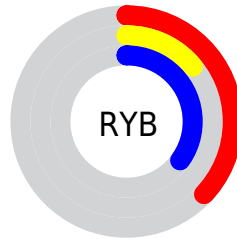
The Hex color **5E245A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **245E28**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **92558C**, and **2E002C** is the 20% darker color. If you saturate the color by 10%, you get **5E1B59**, and if you desaturate by 10%, it is **5E2D5B**.

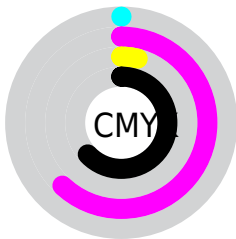
Distribution



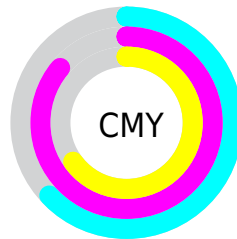
- Red (37%)
- Green (14%)
- Blue (35%)



- Red (37%)
- Yellow (14%)
- Blue (35%)



- Cyan (0%)
- Magenta (62%)
- Yellow (4%)
- Black (63%)



- Cyan (63%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E245A 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 5E245A by changing the saturation by 10% instead.

 5E245A

 5E245A

FFFFFF

 450A42

 92558C

 2E002C

 AD6EA7

 110017

 C988C2

 000000

 E6A3DE

 FFBEBF

 FFDAFF

 FFF7FF

 5E245A

 5E245A

■ 5E1B59

■ 5E2D5B

■ 5E1159

■ 5E375B

■ 5E0858

■ 5E405C

■ 5E0058

■ 5E4A5D

■ 5E535D

■ 5E5C5E

■ 5E665F

■ 5E6F5F

■ 5E7960

Harmonies

Analogous

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



383370



5E245A



6E193D

Triad

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



5E245A



493A00



004858

Complementary

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



5E245A



245E28

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.



00483A



5E245A



2B4200

Square

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



5E245A



602D02



00461A



00466F

Rectangle

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



5E245A



6F1C29



00461A



00494E

Sweetspot

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



5E245A



7A6379



28245E



3D2F3C



BDBDBD



3D3D3D

Same Dimension

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



5E245A



7A2074



5E243D



2E292E



6E0066



ED00DD

Inverse Universe

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



5E245A



7A2074



245E45



2E292E



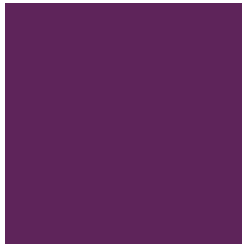
6E0066



ED00DD

Previews

White Background



This preview shows how the Hex color 5E245A 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

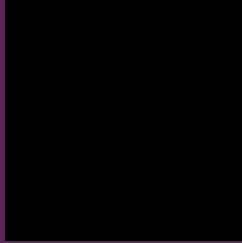
Any Text WCAG AA × Fail

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 5E245A Background



This preview shows how black text looks on a background with the Hex color 5E245A.



This preview shows how white text looks on a background with the Hex color 5E245A.

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
5E245A

Protanopia
223A6E

Deuteranopia
323B56



Tritanopia
5A2F32

Trichromacy



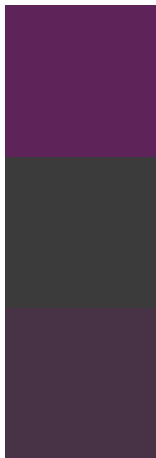
Original Color
5E245A

Protanomaly
383267

Deuteranomaly
423357

Tritanomaly
5B2B41

Monochromacy



Original Color
5E245A

Achromatopsia
3B3B3B

Achromatomaly
483346

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E245A 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 #5E245A looks like.

```
.text, #text, p{  
    color:#5E245A  
}
```

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 #5E245A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E245A
}
```

Border

The CSS property to change the border of an element to Hex 5E245A 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
#5E245A }
```

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

```
.border{ border-color:#5E245A }
```

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

Here you see how a box with a 4 pixel #5E245A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E245A; -webkit-box-shadow:4px 4px  
4px 4px #5E245A; box-shadow:4px 4px 4px  
4px #5E245A }
```

Background

The CSS property to change the background color of an element to Hex 5E245A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E245A }
```

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

```
.background{ background-color:#5E245A }
```

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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