

Converting Colors

Hex(5E2663)

Have a look what the booklet for
Hex(5E2663) contains.

Hex(5E2663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E2663)

Conversions

Conversions Part 1

Format	Color
Hex	5E2663
RGB	94, 38, 99
RGB Percent	37%, 15%, 39%
CMY	0.6314, 0.8510, 0.6118
CMYK	0.05, 0.62, 0.00, 0.61
HSL	295°, 45%, 27%
HSV	295°, 62%, 39%
XYZ	7.5613, 4.6668, 12.3066
YIQ	61.6980, 13.7950, 30.8430

Conversions

Conversions Part 2

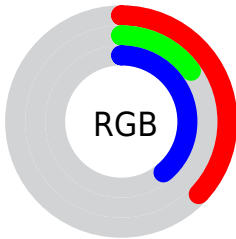
Format	Color
RYB	94, 38, 99
Decimal	6170211
CIELab	25.76, 35.03, -24.69
CIELCh	26, 42.856, 324.817
Yxy	4.6668, 0.3082, 0.1902
Android (android.graphics.Color)	4284360291 (0xFF5E2663)
YUV	61.6980, 18.3899, 28.3289
Hunter-Lab	21.6027, 24.6736, -18.6545

Details

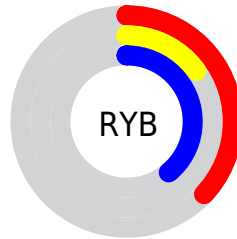
The Hex color **5E2663** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B6326**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **925796**, and **2D0034** is the 20% darker color. If you saturate the color by 10%, you get **5D1C63**, and if you desaturate by 10%, it is **5F3063**.

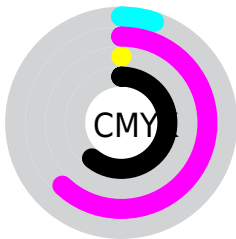
Distribution



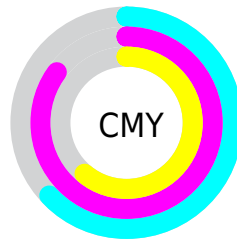
- Red (37%)
- Green (15%)
- Blue (39%)



- Red (37%)
- Yellow (15%)
- Blue (39%)



- Cyan (5%)
- Magenta (62%)
- Yellow (0%)
- Black (61%)



- Cyan (63%)
- Magenta (85%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2663 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 5E2663 by changing the saturation by 10% instead.

 5E2663

 5E2663

FFFFFF

 450D4B

 925796

 2D0034

 AD70B1

 14001E

 C98ACD

 000000

 E6A5E9

 FFC0FF

 FFD0FF

 FFF9FF

 5E2663

 5E2663

■ 5D1C63

■ 5F3063

■ 5C1263

■ 603A63

■ 5C0863

■ 604463

■ 5B0063

■ 614E63

■ 625863

■ 636163

■ 646B63

■ 647563

■ 657F63

Harmonies

Analogous

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



2E3779



5E2663



731744

Triad

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



5E2663



503A00



004B58

Complementary

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



5E2663



2B6326

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.



004B36



5E2663



314300

Square

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



5E2663



672B03



004814



004972

Rectangle

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



5E2663



76172E



004814



004B4D

Sweetspot

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



5E2663



7E6980



262B63



3F3240



BFBFBF



404040

Same Dimension

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



5E2663



782180



63264A



302C30



670070



DC00F0

Inverse Universe

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



63262B



802129



26633F



302C2C



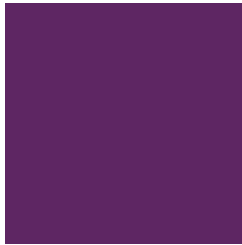
700009



F00014

Previews

White Background



This preview shows how the Hex color 5E2663 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

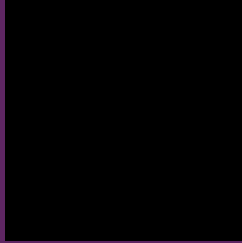
Any Text WCAG AA × Fail

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 5E2663 Background



This preview shows how black text looks on a background with the Hex color 5E2663.




This preview shows how white text looks on a background with the Hex color 5E2663.

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
583337

Trichromacy



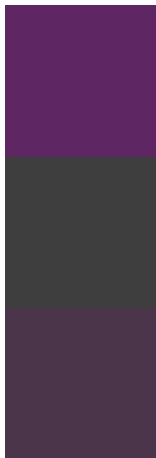
Original Color
5E2663

Protanomaly
333470

Deuteranomaly
3F3560

Tritanomaly
5A2E47

Monochromacy



Original Color
5E2663

Achromatopsia
3E3E3E

Achromatomaly
4A354B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2663 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 #5E2663 looks like.

```
.text, #text, p{  
    color:#5E2663  
}
```

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 #5E2663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2663
}
```

Border

The CSS property to change the border of an element to Hex 5E2663 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
#5E2663 }
```

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

```
.border{ border-color:#5E2663 }
```

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

Here you see how a box with a 4 pixel #5E2663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2663; -webkit-box-shadow:4px 4px  
4px 4px #5E2663; box-shadow:4px 4px 4px  
4px #5E2663 }
```

Background

The CSS property to change the background color of an element to Hex 5E2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2663 }
```

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

```
.background{ background-color:#5E2663 }
```

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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