

Converting Colors

Hex(5E2F84)

Have a look what the booklet for
Hex(5E2F84) contains.

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Color

Hex(5E2F84)

Conversions

Conversions Part 1

Format	Color
Hex	5E2F84
RGB	94, 47, 132
RGB Percent	37%, 18%, 52%
CMY	0.6314, 0.8157, 0.4824
CMYK	0.29, 0.64, 0.00, 0.48
HSL	273°, 47%, 35%
HSV	273°, 64%, 52%
XYZ	9.7975, 6.0787, 22.4867
YIQ	70.7430, 0.7270, 36.3990

Conversions

Conversions Part 2

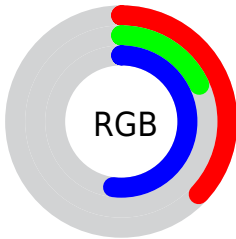
Format	Color
R_{YB}	94, 47, 132
Decimal	6172548
CIE _{Lab}	29.61, 37.84, -39.58
CIE _{LCh}	30, 54.761, 313.715
Yxy	6.0787, 0.2554, 0.1585
Android (android.graphics.Color)	4284362628 (0xFF5E2F84)
YUV	70.7430, 30.1997, 20.3964
Hunter-Lab	24.6549, 27.7868, -36.8174

Details

The Hex color **5E2F84** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **55842F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9360BA**, and **2B0052** is the 20% darker color. If you saturate the color by 10%, you get **582284**, and if you desaturate by 10%, it is **643C84**.

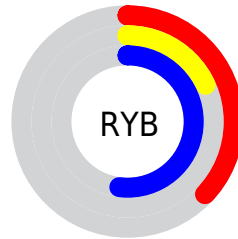
Distribution



Red (37%)

Green (18%)

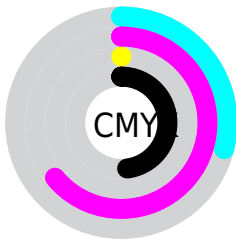
Blue (52%)



Red (37%)

Yellow (18%)

Blue (52%)

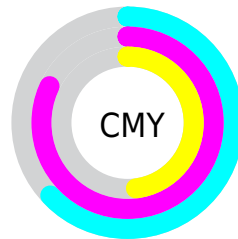


Cyan (29%)

Magenta (64%)

Yellow (0%)

Black (48%)



Cyan (63%)

Magenta (82%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2F84 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 5E2F84 by changing the saturation by 10% instead.

■ 5E2F84

■ 5E2F84

FFFFFF

■ 44176A

■ 9360BA

■ 2B0052

■ AF79D6

■ 17003A

■ CB94F2

■ 000223

■ E8AFFF

■ 00000B

■ FFCBFF

■ 000000

■ FFE7FF

■ 5E2F84

■ 5E2F84

■ 582284

■ 643C84

■ 521584

■ 6A4984

■ 4C0784

■ 705784

■ 490084

■ 766484

■ 7C7184

■ 817E84

■ 878B84

■ 8D9984

■ 93A684

Harmonies

Analogous

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



00459A



5E2F84



840F5F

Triad

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



5E2F84



693B00



005859

Complementary

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



5E2F84



55842F

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.



00562C



5E2F84



454A00

Square

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



5E2F84



83240A



045200



005780

Rectangle

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



5E2F84



8E0042



045200



00574A

Sweetspot

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



5E2F84



9C8AAB



2F5584



4E4357



D6D6D6



575757

Same Dimension

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



5E2F84



7027AB



842F80



3F3C42



480082



010003

Inverse Universe

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



842F55



AB2762



2F8433



423C3F



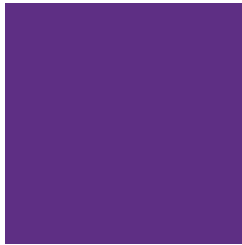
82003A



030001

Previews

White Background



This preview shows how the Hex color 5E2F84 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

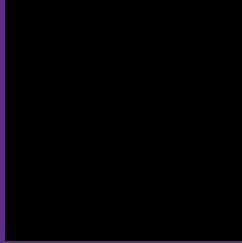
Any Text WCAG AA × Fail

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 5E2F84 Background



This preview shows how black text looks on a background with the Hex color 5E2F84.



This preview shows how white text looks on a background with the Hex color 5E2F84.

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
5E2F84

Protanopia
004490

Deuteranopia
00487F



Tritanopia
534247

Trichromacy



Original Color
5E2F84



Protanomaly
223C8C



Deuteranomaly
223F81



Tritanomaly
573B5D

Monochromacy



Original Color
5E2F84



Achromatopsia
474747



Achromatomaly
4F3E5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2F84 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 #5E2F84 looks like.

```
.text, #text, p{  
    color:#5E2F84  
}
```

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 #5E2F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2F84
}
```

Border

The CSS property to change the border of an element to Hex 5E2F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

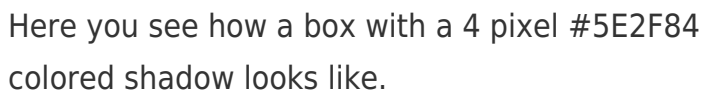
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2F84 }
```

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

```
.border{ border-color:#5E2F84 }
```

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



Here you see how a box with a 4 pixel #5E2F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2F84; -webkit-box-shadow:4px 4px  
4px 4px #5E2F84; box-shadow:4px 4px 4px  
4px #5E2F84 }
```

Background

The CSS property to change the background color of an element to Hex 5E2F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2F84 }
```

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

```
.background{ background-color:#5E2F84 }
```

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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