

Converting Colors

Hex(5B2E6D)

Have a look what the booklet for
Hex(5B2E6D) contains.

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Color

Hex(5B2E6D)

Conversions

Conversions Part 1

Format	Color
Hex	5B2E6D
RGB	91, 46, 109
RGB Percent	36%, 18%, 43%
CMY	0.6431, 0.8196, 0.5725
CMYK	0.17, 0.58, 0.00, 0.57
HSL	283°, 41%, 30%
HSV	283°, 58%, 43%
XYZ	8.0517, 5.2823, 15.0632
YIQ	66.6370, 6.5970, 29.1330

Conversions

Conversions Part 2

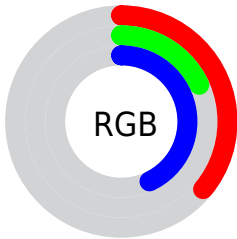
Format	Color
R_{YB}	91, 46, 109
Decimal	5975661
CIE _{Lab}	27.52, 31.99, -28.40
CIE _{LCh}	28, 42.775, 318.404
Yxy	5.2823, 0.2835, 0.1860
Android (android.graphics.Color)	4284165741 (0xFF5B2E6D)
YUV	66.6370, 20.8850, 21.3664
Hunter-Lab	22.9832, 22.3133, -22.7705

Details

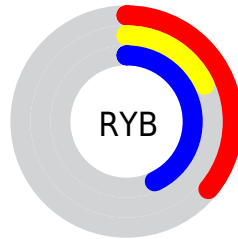
The Hex color **5B2E6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **406D2E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8F5EA1**, and **2A003D** is the 20% darker color. If you saturate the color by 10%, you get **58236D**, and if you desaturate by 10%, it is **5E396D**.

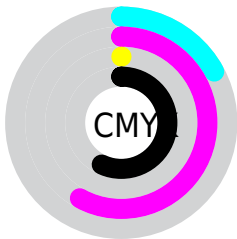
Distribution



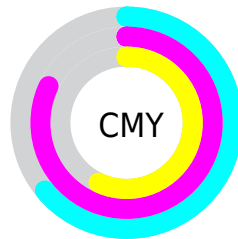
- Red (36%)
- Green (18%)
- Blue (43%)



- Red (36%)
- Yellow (18%)
- Blue (43%)



- Cyan (17%)
- Magenta (58%)
- Yellow (0%)
- Black (57%)



- Cyan (64%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2E6D 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 5B2E6D by changing the saturation by 10% instead.

■ 5B2E6D

■ 5B2E6D

FFFFFF

■ 421754

■ 8F5EA1

■ 2A003D

■ AA77BC

■ 150027

■ C692D8

■ 000110

■ E2ACF5

■ 000000

■ FFC8FF

■ FFE4FF

■ 5B2E6D

■ 5B2E6D

■ 58236D

■ 5E396D

■ 55186D

■ 61446D

■ 520D6D

■ 644F6D

■ 4F026D

■ 675A6D

■ 4E006D

■ 6B656D

■ 6E6F6D

■ 717A6D

■ 74856D

■ 77906D

Harmonies

Analogous

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



203E80



5B2E6D



751E4F

Triad

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



5B2E6D



5A3B00



005055

Complementary

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



5B2E6D



406D2E

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.



004F33



5B2E6D



3D4600

Square

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



5B2E6D



702C0F



0F4C11



004E72

Rectangle

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



5B2E6D



7A1C39



0F4C11



00504A

Sweetspot

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



5B2E6D



88778F



2E416D



433947



C7C7C7



474747

Same Dimension

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



5B2E6D



732C8F



6D2E60



343036



540075



AF00F5

Inverse Universe

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



6D2E40



8F2C48



2E6D3B



363032



750022



F50046

Previews

White Background



This preview shows how the Hex color 5B2E6D 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

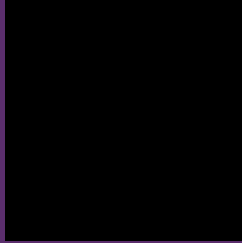
Any Text WCAG AA × Fail

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 5B2E6D Background



This preview shows how black text looks on a background with the Hex color 5B2E6D.

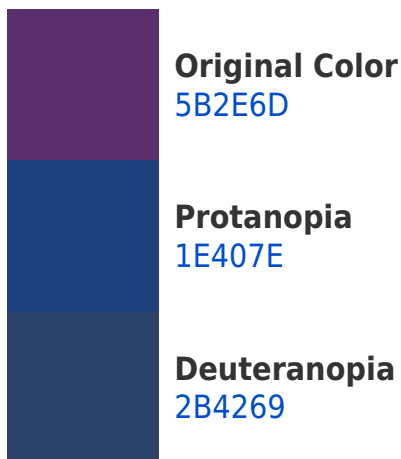


This preview shows how white text looks on a background with the Hex color 5B2E6D.

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
543A3F

Trichromacy



Original Color
5B2E6D

Protanomaly
343978

Deuteranomaly
3C3B6A

Tritanomaly
573650

Monochromacy



Original Color
5B2E6D

Achromatopsia
434343

Achromatomaly
4C3B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2E6D 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 #5B2E6D looks like.

```
.text, #text, p{  
    color:#5B2E6D  
}
```

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 #5B2E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2E6D
}
```

Border

The CSS property to change the border of an element to Hex 5B2E6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

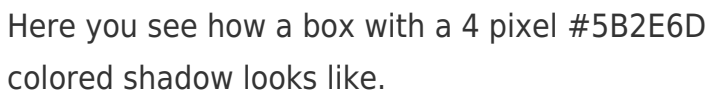
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2E6D }
```

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

```
.border{ border-color:#5B2E6D }
```

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



Here you see how a box with a 4 pixel #5B2E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2E6D; -webkit-box-shadow:4px 4px  
4px 4px #5B2E6D; box-shadow:4px 4px 4px  
4px #5B2E6D }
```

Background

The CSS property to change the background color of an element to Hex 5B2E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2E6D }
```

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

```
.background{ background-color:#5B2E6D }
```

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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