

# Converting Colors

Hex(5B2F69)

Have a look what the booklet for  
Hex(5B2F69) contains.

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# Color

**Hex(5B2F69)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5B2F69
RGB	91, 47, 105
RGB Percent	36%, 18%, 41%
CMY	0.6431, 0.8157, 0.5882
CMYK	0.13, 0.55, 0.00, 0.59
HSL	286°, 38%, 30%
HSV	286°, 55%, 41%
XYZ	7.8807, 5.2771, 13.9678
YIQ	66.7680, 7.6060, 27.3660

# Conversions

## Conversions Part 2

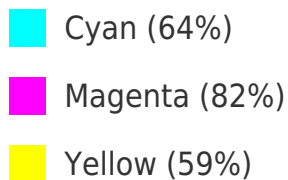
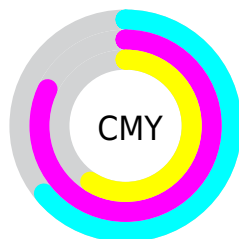
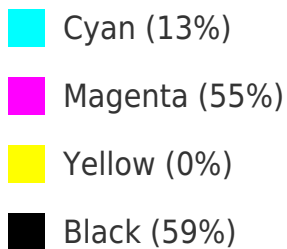
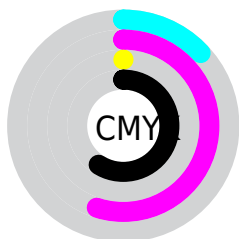
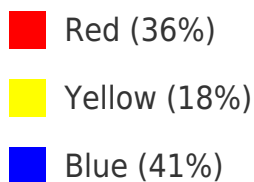
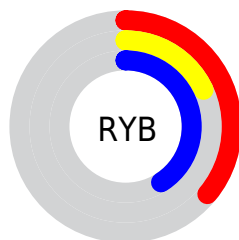
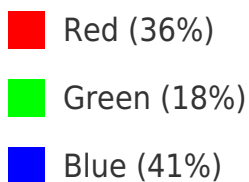
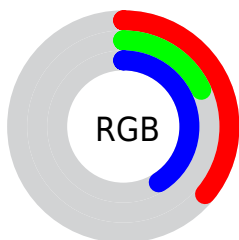
Format	Color
<a href="#">RYB</a>	<a href="#">91, 47, 105</a>
Decimal	<a href="#">5975913</a>
CIELab	<a href="#">27.51, 30.48, -25.85</a>
CIELCh	<a href="#">28, 39.969, 319.702</a>
Yxy	<a href="#">5.2771, 0.2905, 0.1945</a>
Android (android.graphics.Color)	<a href="#">4284165993</a> (0xFF5B2F69)
YUV	<a href="#">66.7680, 18.8484, 21.2515</a>
Hunter-Lab	<a href="#">22.9719, 21.0349, -19.9703</a>

# Details

The Hex color **5B2F69** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D692F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8F5F9D**, and **2B0139** is the 20% darker color. If you saturate the color by 10%, you get **582569**, and if you desaturate by 10%, it is **5E3A69**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 5B2F69 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 5B2F69 by changing the saturation by 10% instead.



 5B2F69

 5B2F69

FFFFFF

 421851

 8F5F9D

 2B0139

 AA78B8

 150024

 C592D3

 00000B

 E2ADF0

 000000

 FFC9FF

 FFE5FF

 5B2F69

 5B2F69

 582569

 5E3A69

 561A69

 604469

 530F69

 634F69

 510569

 655969

 500069

 686469

 6A6E69

 6D7869

 6F8369

 728E69

# Harmonies

## Analogous

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



293D7B



5B2F69



72224D

# Triad

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



5B2F69



583C00



004F55

# Complementary

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



5B2F69



3D692F

# 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.



004E35



5B2F69



3C4600

# Square

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



5B2F69



6D2F12



134B16



004D6F

# Rectangle

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



5B2F69



772038



134B16



004F4A



# Sweetspot

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



5B2F69



84728A



2F3E69



423745



C4C4C4



454545



# Same Dimension

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



5B2F69



742F8A



692F5B



343036



590075



BA00F5



# Inverse Universe

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



692F3D



8A2F45



2F693E



363031



75001C



F5003B



# Previews

## White Background



This preview shows how the Hex color 5B2F69 looks on a white background.

## Color Contrast Check

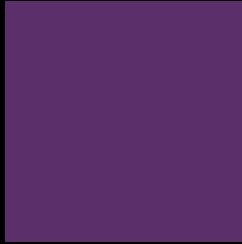
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 5B2F69 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

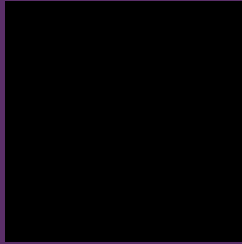
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B2F69 Background



This preview shows how black text looks on a background with the Hex color 5B2F69.



This preview shows how white text looks on a background with the Hex color 5B2F69.

# 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](#).

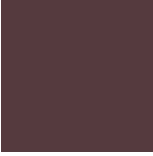
## Dichromacy



**Original Color**  
5B2F69

**Protanopia**  
254079

**Deuteranopia**  
2F4166






**Tritanopia**  
553A3E

# Trichromacy

	<b>Original Color</b> 5B2F69
	<b>Protanomaly</b> 393A73
	<b>Deuteranomaly</b> 3F3A67
	<b>Tritanomaly</b> 57364E

# Monochromacy

	<b>Original Color</b> 5B2F69
	<b>Achromatopsia</b> 434343
	<b>Achromatomaly</b> 4C3C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B2F69 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 #5B2F69 looks like.

```
.text, #text, p{  
    color:#5B2F69  
}
```

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 #5B2F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2F69
}
```

## Border

The CSS property to change the border of an element to Hex 5B2F69 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
#5B2F69 }
```

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

```
.border{ border-color:#5B2F69 }
```

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

Here you see how a box with a 4 pixel #5B2F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2F69; -webkit-box-shadow:4px 4px  
4px 4px #5B2F69; box-shadow:4px 4px 4px  
4px #5B2F69 }
```

# Background

The CSS property to change the background color of an element to Hex 5B2F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2F69 }
```

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

```
.background{ background-color:#5B2F69 }
```

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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