

# Converting Colors

Hex(5A2665)

Have a look what the booklet for  
Hex(5A2665) contains.

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# Color

**Hex(5A2665)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A2665
RGB	90, 38, 101
RGB Percent	35%, 15%, 40%
CMY	0.6471, 0.8510, 0.6039
CMYK	0.11, 0.62, 0.00, 0.60
HSL	290°, 45%, 27%
HSV	290°, 62%, 40%
XYZ	7.2585, 4.4995, 12.7978
YIQ	60.7300, 10.7690, 30.6170

# Conversions

## Conversions Part 2

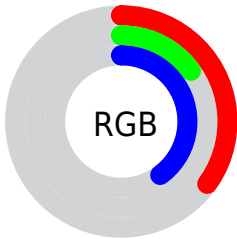
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 38, 101
Decimal	5908069
CIE <sub>Lab</sub>	25.26, 34.29, -26.83
CIE <sub>LCh</sub>	25, 43.545, 321.958
Yxy	4.4995, 0.2956, 0.1832
Android (android.graphics.Color)	4284098149 (0xFF5A2665)
YUV	60.7300, 19.8531, 25.6698
Hunter-Lab	21.2120, 23.9600, -20.9231

# Details

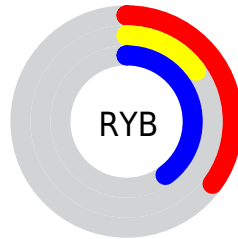
The Hex color **5A2665** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316526**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8E5698**, and **2A0036** is the 20% darker color. If you saturate the color by 10%, you get **581C65**, and if you desaturate by 10%, it is **5C3065**.

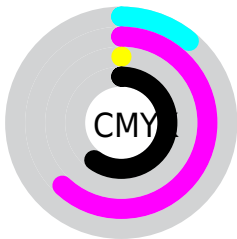
# Distribution



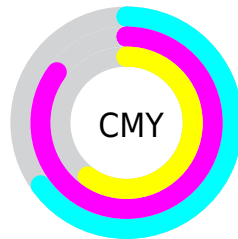
- Red (35%)
- Green (15%)
- Blue (40%)



- Red (35%)
- Yellow (15%)
- Blue (40%)



- Cyan (11%)
- Magenta (62%)
- Yellow (0%)
- Black (60%)



- Cyan (65%)
- Magenta (85%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A2665 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 5A2665 by changing the saturation by 10% instead.



 5A2665

 5A2665

FFFFFF

 410D4D

 8E5698

 2A0036

 A970B3

 0E0020

 C589CF

 000003

 E1A4EB

 000000

 FEC0FF

 FFD0FF

 FFF9FF

 5A2665

 5A2665

■ 581C65

■ 5C3065

■ 561265

■ 5E3A65

■ 550865

■ 5F4465

■ 530065

■ 614E65

■ 635965

■ 656365

■ 666D65

■ 687765

■ 6A8165

# Harmonies

## Analogous

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



23377A



5A2665



711546

# Triad

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



5A2665



523700



004A54

# Complementary

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



5A2665



316526

# 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.



004A32



5A2665



334100

# Square

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



5A2665



682804



00470E



004870

# Rectangle

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



5A2665



751430



00470E



004A49



# Sweetspot

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



5A2665



7E6982



263265



403342



C2C2C2



424242



# Same Dimension

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



5A2665



712182



652651



322E33



5F0073



C800F2



# Inverse Universe

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



652631



822132



26653A



332E2F



730014

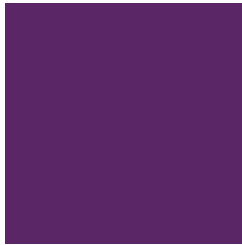


F2002A



# Previews

## White Background



This preview shows how the Hex color 5A2665 looks on a white background.

## Color Contrast Check

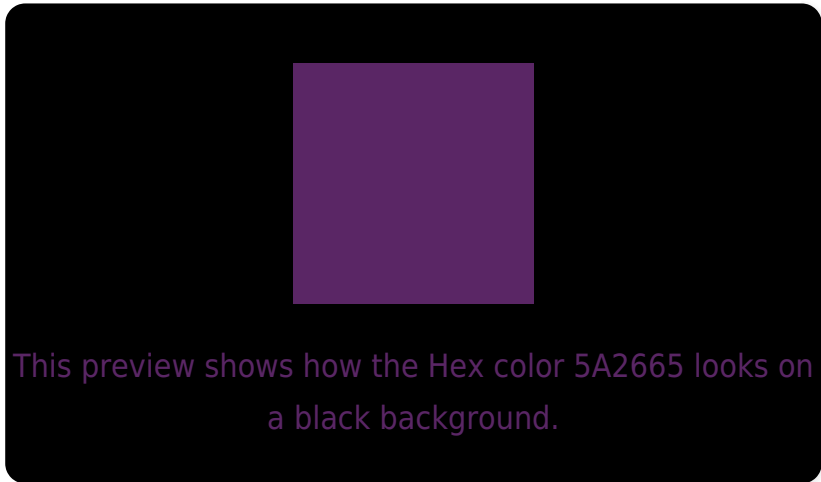
Large Text (above 18pt) WCAG AA ✓ Pass

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

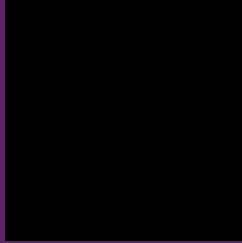
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A2665 Background



This preview shows how black text looks on a background with the Hex color 5A2665.




This preview shows how white text looks on a background with the Hex color 5A2665.

# 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**  
543337

# Trichromacy



**Original Color**  
5A2665

**Protanomaly**  
2D3372

**Deuteranomaly**  
3A3562

**Tritanomaly**  
562E48

# Monochromacy



**Original Color**  
5A2665

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
48354C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A2665 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 #5A2665 looks like.

```
.text, #text, p{  
    color:#5A2665  
}
```

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 #5A2665 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2665
}
```

## Border

The CSS property to change the border of an element to Hex 5A2665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

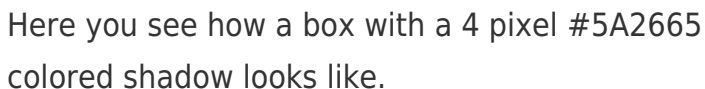
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A2665 }
```

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

```
.border{ border-color:#5A2665 }
```

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



Here you see how a box with a 4 pixel #5A2665 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2665; -webkit-box-shadow:4px 4px  
4px 4px #5A2665; box-shadow:4px 4px 4px  
4px #5A2665 }
```

# Background

The CSS property to change the background color of an element to Hex 5A2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2665 }
```

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

```
.background{ background-color:#5A2665 }
```

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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