

# Converting Colors

Hex(5D2865)

Have a look what the booklet for  
Hex(5D2865) contains.

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# Color

**Hex(5D2865)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D2865
RGB	93, 40, 101
RGB Percent	36%, 16%, 40%
CMY	0.6353, 0.8431, 0.6039
CMYK	0.08, 0.60, 0.00, 0.60
HSL	292°, 43%, 28%
HSV	292°, 60%, 40%
XYZ	7.6220, 4.7843, 12.8337
YIQ	62.8010, 12.0070, 30.2070

# Conversions

## Conversions Part 2

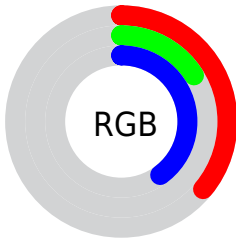
Format	Color
R <sub>Y</sub> B	93, 40, 101
Decimal	6105189
CIE Lab	26.11, 34.10, -25.45
CIE LCh	26, 42.554, 323.261
Yxy	4.7843, 0.3020, 0.1896
Android (android.graphics.Color)	4284295269 (0xFF5D2865)
YUV	62.8010, 18.8321, 26.4845
Hunter-Lab	21.8731, 23.9226, -19.4762

# Details

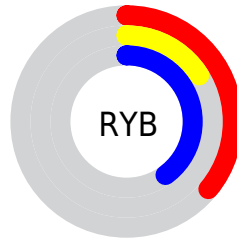
The Hex color **5D2865** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306528**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **915898**, and **2C0036** is the 20% darker color. If you saturate the color by 10%, you get **5C1E65**, and if you desaturate by 10%, it is **5E3265**.

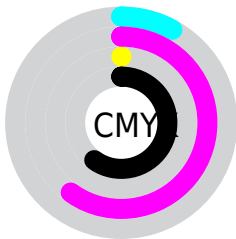
# Distribution



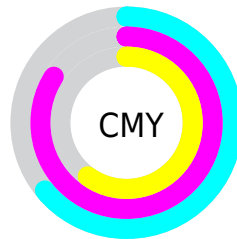
- Red (36%)
- Green (16%)
- Blue (40%)



- Red (36%)
- Yellow (16%)
- Blue (40%)



- Cyan (8%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (84%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2865 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 5D2865 by changing the saturation by 10% instead.




 5D2865

 5D2865

FFFFFF

 440F4D

 915898

 2C0036

 AC72B3

 140020

 C88CCF

 000004

 E5A7EB

 000000

 FFC2FF

 FFDEFF

 FFFBFF

 5D2865

 5D2865

■ 5C1E65

■ 5E3265

■ 5A1465

■ 603C65

■ 590A65

■ 614665

■ 580065

■ 625065

■ 645B65

■ 656565

■ 666F65

■ 687965

■ 698365

# Harmonies

## Analogous

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



2B387A



5D2865



731947

# Triad

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



5D2865



523A00



004C57

# Complementary

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



5D2865



306528

# 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.



004C35



5D2865



344400

# Square

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



5D2865



692C07



004913



004A71

# Rectangle

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



5D2865



761931



004913



004C4C



# Sweetspot

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



5D2865



7F6B82



283065



403442



C2C2C2



424242



# Same Dimension

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



5D2865



762482



65284F



322E33



640073



D200F2



# Inverse Universe

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



652830



822431



28653E



332E2F



73000F

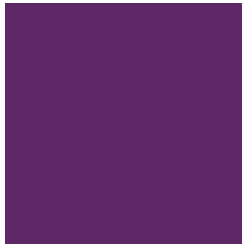


F20020



# Previews

## White Background



This preview shows how the Hex color 5D2865 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

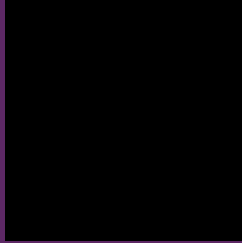
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D2865 Background



This preview shows how black text looks on a background with the Hex color 5D2865.



This preview shows how white text looks on a background with the Hex color 5D2865.

# 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**  
5D2865

**Protanopia**  
1C3D79

**Deuteranopia**  
2D3F61



**Tritanopia**  
573538

# Trichromacy



**Original Color**  
5D2865

**Protanomaly**  
343572

**Deuteranomaly**  
3E3762

**Tritanomaly**  
593048

# Monochromacy



**Original Color**  
5D2865

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
4A374D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2865 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 #5D2865 looks like.

```
.text, #text, p{  
    color:#5D2865  
}
```

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 #5D2865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2865
}
```

## Border

The CSS property to change the border of an element to Hex 5D2865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

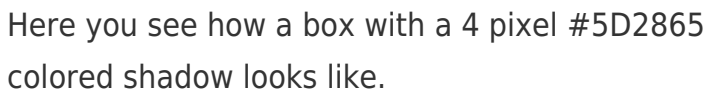
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2865 }
```

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

```
.border{ border-color:#5D2865 }
```

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



Here you see how a box with a 4 pixel #5D2865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2865; -webkit-box-shadow:4px 4px  
4px 4px #5D2865; box-shadow:4px 4px 4px  
4px #5D2865 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2865 }
```

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

```
.background{ background-color:#5D2865 }
```

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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