

Converting Colors

Hex(5B2855)

Have a look what the booklet for
Hex(5B2855) contains.

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Color

Hex(5B2855)

Conversions

Conversions Part 1

Format	Color
Hex	5B2855
RGB	91, 40, 85
RGB Percent	36%, 16%, 33%
CMY	0.6431, 0.8431, 0.6667
CMYK	0.00, 0.56, 0.07, 0.64
HSL	307°, 39%, 26%
HSV	307°, 56%, 36%
XYZ	6.7129, 4.3976, 9.0893
YIQ	60.3790, 15.9510, 24.8070

Conversions

Conversions Part 2

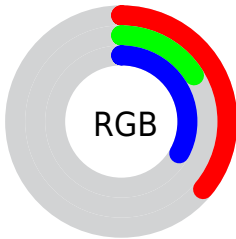
Format	Color
R_{YB}	91, 40, 85
Decimal	5974101
CIE _{Lab}	24.94, 30.19, -16.81
CIE _{LCh}	25, 34.558, 330.886
Yxy	4.3976, 0.3323, 0.2177
Android (android.graphics.Color)	4284164181 (0xFF5B2855)
YUV	60.3790, 12.1382, 26.8546
Hunter-Lab	20.9705, 20.4414, -11.0191

Details

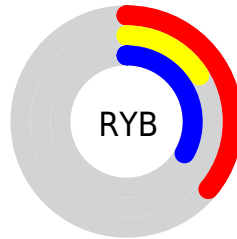
The Hex color **5B2855** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **285B2E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8F5887**, and **2B0028** is the 20% darker color. If you saturate the color by 10%, you get **5B1F54**, and if you desaturate by 10%, it is **5B3156**.

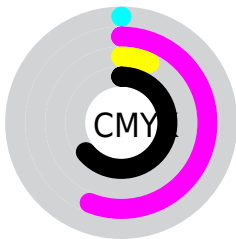
Distribution



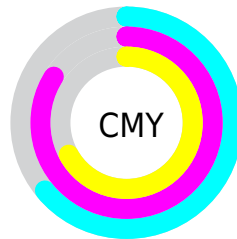
- Red (36%)
- Green (16%)
- Blue (33%)



- Red (36%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (56%)
- Yellow (7%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2855 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 5B2855 by changing the saturation by 10% instead.

 5B2855

 5B2855

FFFFFF

 42103E

 8F5887

 2B0028

 AA71A1

 0C0012

 C58BBC

 000000

 E2A6D8

 FFC1F4

 FFDDFF

 FFFAFF

 5B2855

 5B2855

■ 5B1F54

■ 5B3156

■ 5B1653

■ 5B3A57

■ 5B0D52

■ 5B4358

■ 5B0451

■ 5B4C59

■ 5B0050

■ 5B565A

■ 5B5F5B

■ 5B685C

■ 5B715E

■ 5B7A5F

Harmonies

Analogous

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



3C3468



5B2855



69213C

Triad

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



5B2855



473A00



004755

Complementary

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



5B2855



285B2E

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.



00473B



5B2855



2D4109

Square

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



5B2855



5C300C



004520



004469

Rectangle

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



5B2855



6A232A



004520



00474D

Sweetspot

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



5B2855



756173



2E285B



3B2F39



BABABA



3B3B3B

Same Dimension

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



5B2855



75276C



5B283C



2E292D



6E0061



ED00D1

Inverse Universe

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



5B2855



75276C



285B47



2E292D



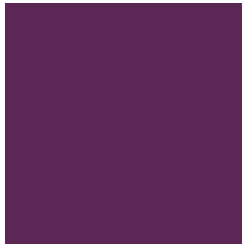
6E0061



ED00D1

Previews

White Background



This preview shows how the Hex color 5B2855 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

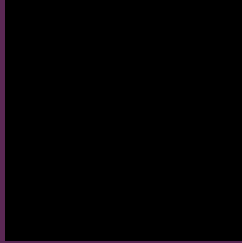
Any Text WCAG AA × Fail

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 5B2855 Background



This preview shows how black text looks on a background with the Hex color 5B2855.



This preview shows how white text looks on a background with the Hex color 5B2855.

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
5B2855

Protanopia
2A3B65

Deuteranopia
353B52



Tritanopia
573034

Trichromacy



Original Color
5B2855

Protanomaly
3C345F

Deuteranomaly
433453

Tritanomaly
582D40

Monochromacy



Original Color
5B2855

Achromatopsia
3C3C3C

Achromatomaly
473545

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2855 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 #5B2855 looks like.

```
.text, #text, p{  
    color:#5B2855  
}
```

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 #5B2855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2855
}
```

Border

The CSS property to change the border of an element to Hex 5B2855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

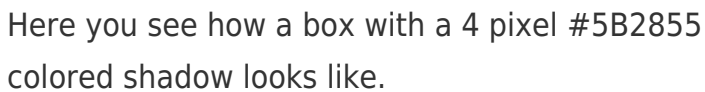
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2855 }
```

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

```
.border{ border-color:#5B2855 }
```

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



Here you see how a box with a 4 pixel #5B2855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2855; -webkit-box-shadow:4px 4px  
4px 4px #5B2855; box-shadow:4px 4px 4px  
4px #5B2855 }
```

Background

The CSS property to change the background color of an element to Hex 5B2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2855 }
```

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

```
.background{ background-color:#5B2855 }
```

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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