

Converting Colors

Hex(5D2858)

Have a look what the booklet for
Hex(5D2858) contains.

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Color

Hex(5D2858)

Conversions

Conversions Part 1

Format	Color
Hex	5D2858
RGB	93, 40, 88
RGB Percent	36%, 16%, 35%
CMY	0.6353, 0.8431, 0.6549
CMYK	0.00, 0.57, 0.05, 0.64
HSL	306°, 40%, 26%
HSV	306°, 57%, 36%
XYZ	7.0344, 4.5493, 9.7399
YIQ	61.3190, 16.1800, 26.1640

Conversions

Conversions Part 2

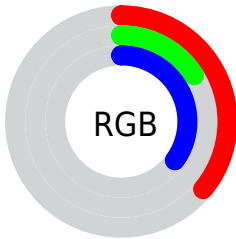
Format	Color
R _Y B	93, 40, 88
Decimal	6105176
CIE Lab	25.41, 31.43, -18.05
CIE LCh	25, 36.248, 330.136
Yxy	4.5493, 0.3299, 0.2133
Android (android.graphics.Color)	4284295256 (0xFF5D2858)
YUV	61.3190, 13.1537, 27.7842
Hunter-Lab	21.3291, 21.5441, -12.1442

Details

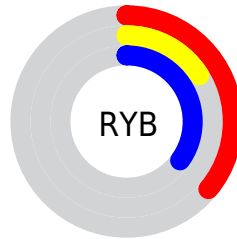
The Hex color **5D2858** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **285D2D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **91588A**, and **2D002A** is the 20% darker color. If you saturate the color by 10%, you get **5D1F57**, and if you desaturate by 10%, it is **5D3159**.

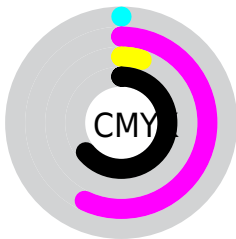
Distribution



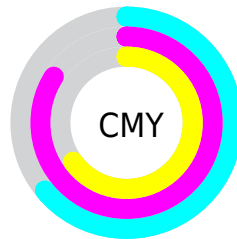
- Red (36%)
- Green (16%)
- Blue (35%)



- Red (36%)
- Yellow (16%)
- Blue (35%)



- Cyan (0%)
- Magenta (57%)
- Yellow (5%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2858 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 5D2858 by changing the saturation by 10% instead.

 5D2858

 5D2858

FFFFFF

 441041

 91588A

 2D002A

 AC71A4

 110015

 C88BC0

 000000

 E4A6DC

 FFC1F8

 FFDEFF

 FFFAFF

 5D2858

 5D2858

■ 5D1F57

■ 5D3159

■ 5D1556

■ 5D3B5A

■ 5D0C55

■ 5D445B

■ 5D0354

■ 5D4D5C

■ 5D0054

■ 5D575C

■ 5D605D

■ 5D695E

■ 5D725F

■ 5D7C60

Harmonies

Analogous

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



3B356C



5D2858



6C203D

Triad

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



5D2858



493B00



004957

Complementary

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



5D2858



285D2D

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.



00493C



5D2858



2E4306

Square

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



5D2858



5E300A



00471F



00466C

Rectangle

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



5D2858



6D222B



00471F



00494E

Sweetspot

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



5D2858



786376



2C285D



3D313C



BDBDBD



3D3D3D

Same Dimension

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



5D2858



782670



5D283E



2E292D



6E0063



ED00D7

Inverse Universe

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



5D2858



782670



285D47



2E292D



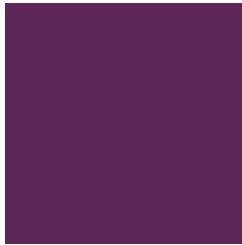
6E0063



ED00D7

Previews

White Background



This preview shows how the Hex color 5D2858 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

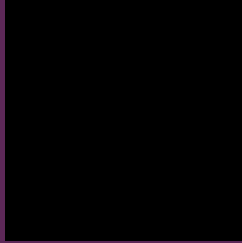
Any Text WCAG AA × Fail

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 5D2858 Background



This preview shows how black text looks on a background with the Hex color 5D2858.



This preview shows how white text looks on a background with the Hex color 5D2858.

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
5D2858

Protanopia
293C69

Deuteranopia
353C55



Tritanopia
593135

Trichromacy



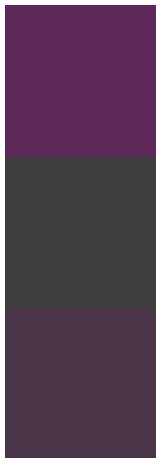
Original Color
5D2858

Protanomaly
3C3563

Deuteranomaly
443556

Tritanomaly
5A2E42

Monochromacy



Original Color
5D2858

Achromatopsia
3D3D3D

Achromatomaly
493547

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2858 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 #5D2858 looks like.

```
.text, #text, p{  
    color:#5D2858  
}
```

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 #5D2858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2858
}
```

Border

The CSS property to change the border of an element to Hex 5D2858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

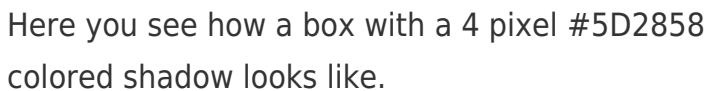
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2858 }
```

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

```
.border{ border-color:#5D2858 }
```

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



Here you see how a box with a 4 pixel #5D2858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2858; -webkit-box-shadow:4px 4px  
4px 4px #5D2858; box-shadow:4px 4px 4px  
4px #5D2858 }
```

Background

The CSS property to change the background color of an element to Hex 5D2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2858 }
```

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

```
.background{ background-color:#5D2858 }
```

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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