

Converting Colors

Hex(5D2E62)

Have a look what the booklet for
Hex(5D2E62) contains.

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Color

Hex(5D2E62)

Conversions

Conversions Part 1

Format	Color
Hex	5D2E62
RGB	93, 46, 98
RGB Percent	36%, 18%, 38%
CMY	0.6353, 0.8196, 0.6157
CMYK	0.05, 0.53, 0.00, 0.62
HSL	294°, 36%, 28%
HSV	294°, 53%, 38%
XYZ	7.6958, 5.1630, 12.1462
YIQ	65.9810, 11.3200, 26.1360

Conversions

Conversions Part 2

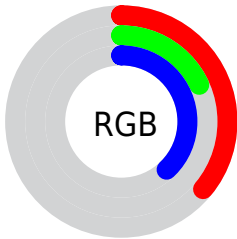
Format	Color
RYB	93, 46, 98
Decimal	6106722
CIELab	27.19, 30.13, -21.80
CIElCh	27, 37.190, 324.105
Yxy	5.1630, 0.3078, 0.2065
Android (android.graphics.Color)	4284296802 (0xFF5D2E62)
YUV	65.9810, 15.7854, 23.6957
Hunter-Lab	22.7222, 20.6924, -15.7881

Details

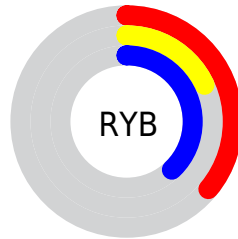
The Hex color **5D2E62** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **33622E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **915E95**, and **2D0033** is the 20% darker color. If you saturate the color by 10%, you get **5C2462**, and if you desaturate by 10%, it is **5E3862**.

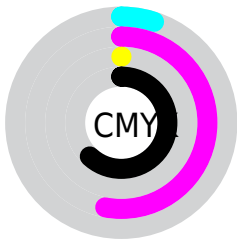
Distribution



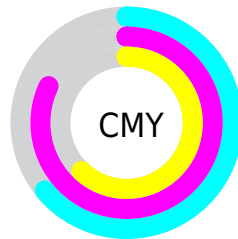
- Red (36%)
- Green (18%)
- Blue (38%)



- Red (36%)
- Yellow (18%)
- Blue (38%)



- Cyan (5%)
- Magenta (53%)
- Yellow (0%)
- Black (62%)



- Cyan (64%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2E62 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 5D2E62 by changing the saturation by 10% instead.

■ 5D2E62

■ 5D2E62

FFFFFF

■ 44174A

■ 915E95

■ 2D0033

■ AC77B0

■ 16001E

■ C791CB

■ 000000

■ E4ACE7

■ FFC8FF

■ FFE4FF

■ 5D2E62

■ 5D2E62

■ 5C2462

■ 5E3862

■ 5B1A62

■ 5F4262

■ 5A1162

■ 604B62

■ 590762

■ 615562

■ 590062

■ 625F62

■ 636962

■ 647362

■ 657C62

■ 658662

Harmonies

Analogous

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



353B75



5D2E62



702447

Triad

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



5D2E62



533D00



004D57

Complementary

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



5D2E62



33622E

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.



004D3A



5D2E62



384604

Square

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



5D2E62



673111



0E4B1D



004B6E

Rectangle

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



5D2E62



732434



0E4B1D



004E4D

Sweetspot

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



5D2E62



7E6B80



2E3362



3F3440



BFBFBF



404040

Same Dimension

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



5D2E62



782E80



622E4D



302C30



650070



D900F0

Inverse Universe

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



622E33



802E36



2E6243



302C2C



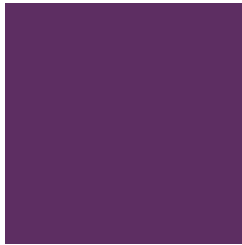
70000B



F00017

Previews

White Background



This preview shows how the Hex color 5D2E62 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

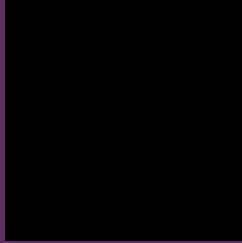
Any Text WCAG AA × Fail

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 5D2E62 Background



This preview shows how black text looks on a background with the Hex color 5D2E62.



This preview shows how white text looks on a background with the Hex color 5D2E62.

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
5D2E62

Protanopia
2A3F71

Deuteranopia
35405F



Tritanopia
58383C

Trichromacy



Original Color
5D2E62

Protanomaly
3D396C

Deuteranomaly
443960

Tritanomaly
5A344A

Monochromacy



Original Color
5D2E62

Achromatopsia
424242

Achromatomaly
4C3B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2E62 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 #5D2E62 looks like.

```
.text, #text, p{  
    color:#5D2E62  
}
```

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 #5D2E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2E62
}
```

Border

The CSS property to change the border of an element to Hex 5D2E62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

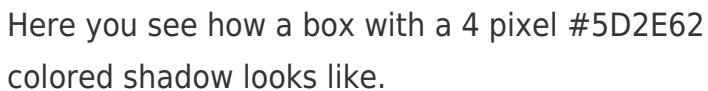
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2E62 }
```

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

```
.border{ border-color:#5D2E62 }
```

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



Here you see how a box with a 4 pixel #5D2E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2E62; -webkit-box-shadow:4px 4px  
4px 4px #5D2E62; box-shadow:4px 4px 4px  
4px #5D2E62 }
```

Background

The CSS property to change the background color of an element to Hex 5D2E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2E62 }
```

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

```
.background{ background-color:#5D2E62 }
```

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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