

# Converting Colors

Hex(5D2938)

Have a look what the booklet for  
Hex(5D2938) contains.

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**Color**

**Hex(5D2938)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D2938
RGB	93, 41, 56
RGB Percent	36%, 16%, 22%
CMY	0.6353, 0.8392, 0.7804
CMYK	0.00, 0.56, 0.40, 0.64
HSL	343°, 39%, 26%
HSV	343°, 56%, 36%
XYZ	6.0209, 4.1986, 4.2344
YIQ	58.2580, 26.1770, 15.6890

# Conversions

## Conversions Part 2

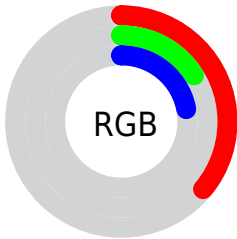
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 41, 56
Decimal	6105400
CIELab	24.32, 25.54, 1.75
CIElCh	24, 25.596, 3.925
Yxy	4.1986, 0.4166, 0.2905
Android (android.graphics.Color)	4284295480 (0xFF5D2938)
YUV	58.2580, -1.1132, 30.4687
Hunter-Lab	20.4904, 16.5928, 2.0907

# Details

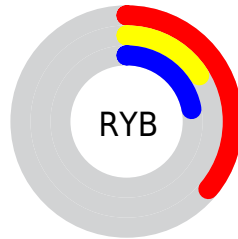
The Hex color **5D2938** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **295D4E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **915867**, and **2D000C** is the 20% darker color. If you saturate the color by 10%, you get **5D2031**, and if you desaturate by 10%, it is **5D323F**.

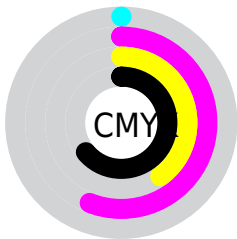
# Distribution



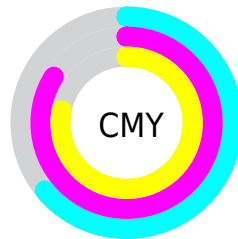
- Red (36%)
- Green (16%)
- Blue (22%)



- Red (36%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (40%)
- Black (64%)



- Cyan (64%)
- Magenta (84%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2938 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 5D2938 by changing the saturation by 10% instead.




 5D2938

 5D2938

FFFFFF

 441223

 915867

 2D000C

 AD7180

 030000

 C98B9A

 000000

 E5A6B4

 FFC1D0

 FFDDEC

 FFFAFF

 5D2938

 5D2938

■ 5D2031

■ 5D323F

■ 5D162B

■ 5D3C45

■ 5D0D24

■ 5D454C

■ 5D041E

■ 5D4E52

■ 5D001B

■ 5D5859

■ 5D6160

■ 5D6A66

■ 5D736D

■ 5D7D74

# Harmonies

## Analogous

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



532C4B



5D2938



5C2C25

# Triad

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



5D2938



2E3F18



00405C

# Complementary

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



5D2938



295D4E

# 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.



00434F



5D2938



134228

# Square

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



5D2938



423A12



00433C



1A3B60

# Rectangle

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



5D2938



56301B



00433C



004158



# Sweetspot

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



5D2938



786369



4D295D



3D3134



BDBDBD



3D3D3D



# Same Dimension

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



5D2938



78283F



5D3329



2E292B



6E0020



ED0044



# Inverse Universe

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



5D2938



78283F



29535D



2E292B



6E0020

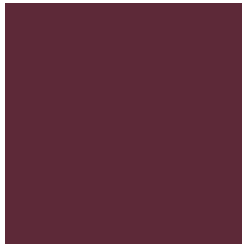


ED0044



# Previews

## White Background



This preview shows how the Hex color 5D2938 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 5D2938 Background



This preview shows how black text looks on a background with the Hex color 5D2938.



This preview shows how white text looks on a background with the Hex color 5D2938.

# 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**  
5D2938

**Protanopia**  
393A42

**Deuteranopia**  
423936



**Tritanopia**  
5C2B2E

# Trichromacy



**Original Color**  
5D2938

**Protanomaly**  
46343E

**Deuteranomaly**  
4C3337

**Tritanomaly**  
5C2A32

# Monochromacy



**Original Color**  
5D2938

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
473439

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2938 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 #5D2938 looks like.

```
.text, #text, p{  
    color:#5D2938  
}
```

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 #5D2938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2938
}
```

## Border

The CSS property to change the border of an element to Hex 5D2938 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".

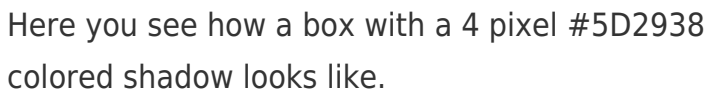
```
.border, #border, table{ border:4px solid
#5D2938 }
```

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

```
.border{ border-color:#5D2938 }
```

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

Here you see how a box with a 4 pixel #5D2938 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2938; -webkit-box-shadow:4px 4px  
4px 4px #5D2938; box-shadow:4px 4px 4px  
4px #5D2938 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2938 }
```

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

```
.background{ background-color:#5D2938 }
```

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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