

Converting Colors

Hex(5D2638)

Have a look what the booklet for
Hex(5D2638) contains.

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Color

Hex(5D2638)

Conversions

Conversions Part 1

Format	Color
Hex	5D2638
RGB	93, 38, 56
RGB Percent	36%, 15%, 22%
CMY	0.6353, 0.8510, 0.7804
CMYK	0.00, 0.59, 0.40, 0.64
HSL	340°, 42%, 26%
HSV	340°, 59%, 36%
XYZ	5.9211, 3.9989, 4.2012
YIQ	56.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

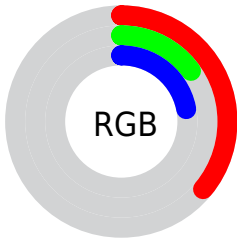
Format	Color
R_{YB}	93, 38, 56
Decimal	6104632
CIE Lab	23.67, 27.23, 0.81
CIE LCh	24, 27.240, 1.705
Yxy	3.9989, 0.4193, 0.2832
Android (android.graphics.Color)	4284294712 (0xFF5D2638)
YUV	56.4970, -0.2450, 32.0131
Hunter-Lab	19.9973, 17.8580, 1.5420

Details

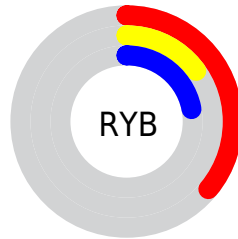
The Hex color **5D2638** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **265D4B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **925567**, and **2D000C** is the 20% darker color. If you saturate the color by 10%, you get **5D1D32**, and if you desaturate by 10%, it is **5D2F3E**.

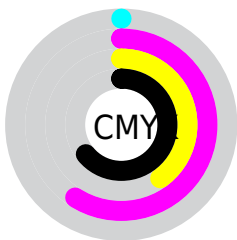
Distribution



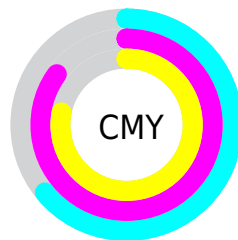
- Red (36%)
- Green (15%)
- Blue (22%)



- Red (36%)
- Yellow (15%)
- Blue (22%)



- Cyan (0%)
- Magenta (59%)
- Yellow (40%)
- Black (64%)



- Cyan (64%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2638 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 5D2638 by changing the saturation by 10% instead.

 5D2638

 5D2638

FFFFFF

 440F23

 925567

 2D000C

 AD6E80

 000000

 C9889A

 E6A3B4

 FFBED0

 FFDAEC

 FFF7FF

 5D2638

 5D2638

■ 5D1D32

■ 5D2F3E

■ 5D132B

■ 5D3945

■ 5D0A25

■ 5D424B

■ 5D011F

■ 5D4B51

■ 5D001E

■ 5D5557

■ 5D5E5E

■ 5D6764

■ 5D706A

■ 5D7A70

Harmonies

Analogous

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



522A4C



5D2638



5C2924

Triad

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



5D2638



2E3D14



003F5C

Complementary

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



5D2638



265D4B

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.



00424D



5D2638



104124

Square

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



5D2638



42380D



004239



0D3A61

Rectangle

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



5D2638



572D19



004239



004158

Sweetspot

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



5D2638



786269



4B265D



3D3034



BDBDBD



3D3D3D

Same Dimension

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



5D2638



78233F



5D2F26



2E292B



6E0024



ED004E

Inverse Universe

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



5D2638



78233F



26545D



2E292B



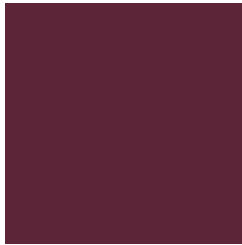
6E0024



ED004E

Previews

White Background



This preview shows how the Hex color 5D2638 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

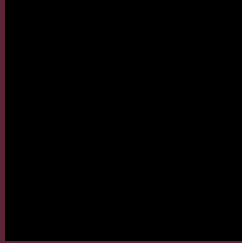
Any Text WCAG AA × Fail

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 5D2638 Background



This preview shows how black text looks on a background with the Hex color 5D2638.



This preview shows how white text looks on a background with the Hex color 5D2638.

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
5D2638

Protanopia
373943

Deuteranopia
403735



Tritanopia
5C292B

Trichromacy



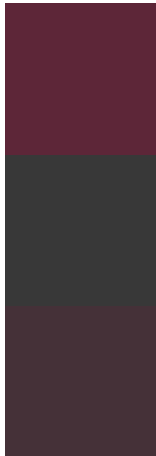
Original Color
5D2638

Protanomaly
45323F

Deuteranomaly
4B3136

Tritanomaly
5C2830

Monochromacy



Original Color
5D2638

Achromatopsia
383838

Achromatomaly
453138

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2638 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 #5D2638 looks like.

```
.text, #text, p{  
    color:#5D2638  
}
```

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 #5D2638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2638
}
```

Border

The CSS property to change the border of an element to Hex 5D2638 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".

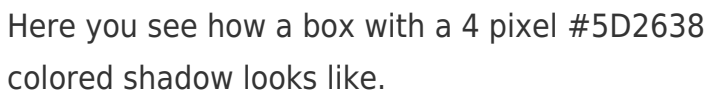
```
.border, #border, table{ border:4px solid
#5D2638 }
```

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

```
.border{ border-color:#5D2638 }
```

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

Here you see how a box with a 4 pixel #5D2638 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 the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2638; -webkit-box-shadow:4px 4px  
4px 4px #5D2638; box-shadow:4px 4px 4px  
4px #5D2638 }
```

Background

The CSS property to change the background color of an element to Hex 5D2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2638 }
```

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

```
.background{ background-color:#5D2638 }
```

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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