

Converting Colors

Hex(5A232F)

Have a look what the booklet for
Hex(5A232F) contains.

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Color

Hex(5A232F)

Conversions

Conversions Part 1

Format	Color
Hex	5A232F
RGB	90, 35, 47
RGB Percent	35%, 14%, 18%
CMY	0.6471, 0.8627, 0.8157
CMYK	0.00, 0.61, 0.48, 0.65
HSL	347°, 44%, 25%
HSV	347°, 61%, 35%
XYZ	5.3306, 3.5810, 3.0996
YIQ	52.8130, 28.9280, 15.3920

Conversions

Conversions Part 2

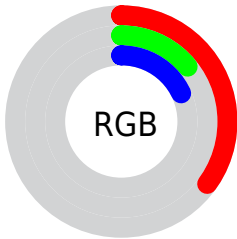
Format	Color
R_{YB}	90, 35, 47
Decimal	5907247
CIE Lab	22.23, 26.58, 4.85
CIE LCh	22, 27.023, 10.349
Yxy	3.5810, 0.4438, 0.2981
Android (android.graphics.Color)	4284097327 (0xFF5A232F)
YUV	52.8130, -2.8658, 32.6130
Hunter-Lab	18.9234, 17.1660, 3.5350

Details

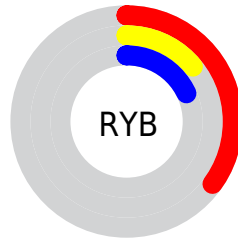
The Hex color **5A232F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **235A4E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **8F525D**, and **2C0000** is the 20% darker color. If you saturate the color by 10%, you get **5A1A28**, and if you desaturate by 10%, it is **5A2C36**.

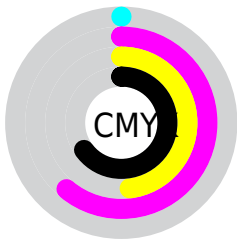
Distribution



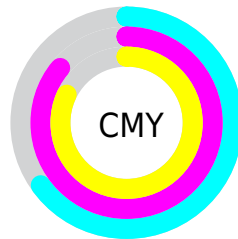
- Red (35%)
- Green (14%)
- Blue (18%)



- Red (35%)
- Yellow (14%)
- Blue (18%)



- Cyan (0%)
- Magenta (61%)
- Yellow (48%)
- Black (65%)



- Cyan (65%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A232F 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 5A232F by changing the saturation by 10% instead.

 5A232F

 5A232F

FFFFFF

 410B1A

 8F525D

 2C0000

 AA6B75

 000000

 C6858F

 E39FA9

 FFBAC5

 FFD6E0

 FFF3FD

 5A232F

 5A232F

■ 5A1A28

■ 5A2C36

■ 5A1121

■ 5A353D

■ 5A081A

■ 5A3E44

■ 5A0014

■ 5A474B

■ 5A5052

■ 5A5959

■ 5A6260

■ 5A6B67

■ 5A746E

Harmonies

Analogous

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



532543



5A232F



57281C

Triad

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



5A232F



243B15



003B5B

Complementary

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



5A232F



235A4E

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.



003E4F



5A232F



003E27

Square

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



5A232F



3A360A



003F3C



1C355D

Rectangle

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



5A232F



4F2D12



003F3C



003C58

Sweetspot

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



5A232F



756065



4D235A



3B2E31



BABABA



3B3B3B

Same Dimension

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



5A232F



752032



5A3223



2E292A



6E0018



ED0034

Inverse Universe

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



5A232F



752032



234B5A



2E292A



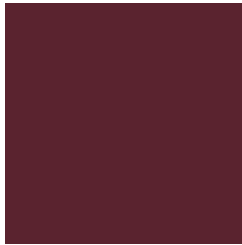
6E0018



ED0034

Previews

White Background



This preview shows how the Hex color 5A232F 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

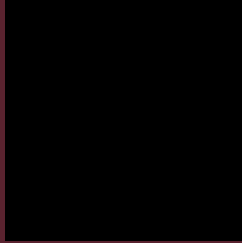
Any Text WCAG AA × Fail

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 5A232F Background



This preview shows how black text looks on a background with the Hex color 5A232F.



This preview shows how white text looks on a background with the Hex color 5A232F.

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
5A232F

Protanopia
363639

Deuteranopia
3F342C



Tritanopia
592527

Trichromacy



Original Color
5A232F

Protanomaly
432F35

Deuteranomaly
492E2D

Tritanomaly
59242A

Monochromacy



Original Color
5A232F

Achromatopsia
353535

Achromatomaly
422E33

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A232F 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 #5A232F looks like.

```
.text, #text, p{  
    color:#5A232F  
}
```

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 #5A232F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A232F
}
```

Border

The CSS property to change the border of an element to Hex 5A232F is called "border". The border property can be set on classes, ids or directly on the HTML element.

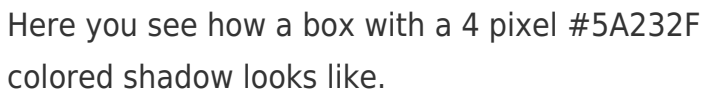
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A232F }
```

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

```
.border{ border-color:#5A232F }
```

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



Here you see how a box with a 4 pixel #5A232F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A232F; -webkit-box-shadow:4px 4px  
4px 4px #5A232F; box-shadow:4px 4px 4px  
4px #5A232F }
```

Background

The CSS property to change the background color of an element to Hex 5A232F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A232F }
```

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

```
.background{ background-color:#5A232F }
```

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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