

Converting Colors

Hex(5B2F4A)

Have a look what the booklet for
Hex(5B2F4A) contains.

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Color

Hex(5B2F4A)

Conversions

Conversions Part 1

Format	Color
Hex	5B2F4A
RGB	91, 47, 74
RGB Percent	36%, 18%, 29%
CMY	0.6431, 0.8157, 0.7098
CMYK	0.00, 0.48, 0.19, 0.64
HSL	323°, 32%, 27%
HSV	323°, 48%, 36%
XYZ	6.5669, 4.7516, 7.0496
YIQ	63.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

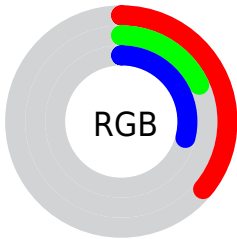
Format	Color
RYB	91, 47, 74
Decimal	5975882
CIELab	26.01, 24.07, -7.87
CIElCh	26, 25.323, 341.895
Yxy	4.7516, 0.3575, 0.2587
Android (android.graphics.Color)	4284165962 (0xFF5B2F4A)
YUV	63.2340, 5.3076, 24.3508
Hunter-Lab	21.7981, 15.6283, -3.9159




Details

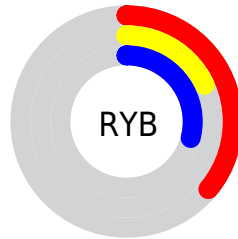
The Hex color **5B2F4A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2F5B40**, and the grayscale version is **3F3F3F**.




A 20% lighter version of the original color is **8E5E7B**, and **2C021E** is the 20% darker color. If you saturate the color by 10%, you get **5B2646**, and if you desaturate by 10%, it is **5B384E**.

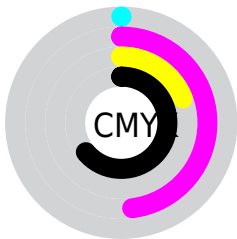
Distribution







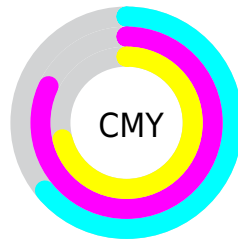
-  Red (36%)
-  Green (18%)
-  Blue (29%)






-  Red (36%)
-  Yellow (18%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (48%)
-  Yellow (19%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (82%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2F4A 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 5B2F4A by changing the saturation by 10% instead.

■ 5B2F4A

■ 5B2F4A

FFFFFF

■ 431933

■ 8E5E7B

■ 2C021E

■ A97894

■ 100003

■ C591AF

■ 000000

■ E1ACCB

■ FEC8E7

■ FFE4FF

■ 5B2F4A

■ 5B2F4A

■ 5B2646

■ 5B384E

■ 5B1D43

■ 5B4151

■ 5B143F

■ 5B4A55

■ 5B0B3C

■ 5B5358

■ 5B0238

■ 5B5D5C

■ 5B0038

■ 5B665F

■ 5B6F63

■ 5B7866

■ 5B816A

Harmonies

Analogous

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



49355A



5B2F4A



622D37

Triad

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



5B2F4A



423F16



004657

Complementary

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



5B2F4A



2F5B40

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.



004745



5B2F4A



2C4420

Square

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



5B2F4A



533819



0D4631



004362

Rectangle

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



5B2F4A



60302A



0D4631



004751

Sweetspot

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



5B2F4A



75646F



402F5B



3B3037



BABABA



3B3B3B

Same Dimension

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



5B2F4A



75315B



5B2F34



2E292C



6E0043



ED0092

Inverse Universe

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



5B2F4A



75315B



2F5B56



2E292C



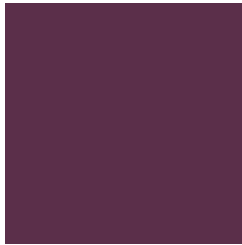
6E0043



ED0092

Previews

White Background



This preview shows how the Hex color 5B2F4A looks on a white background.

Color Contrast Check

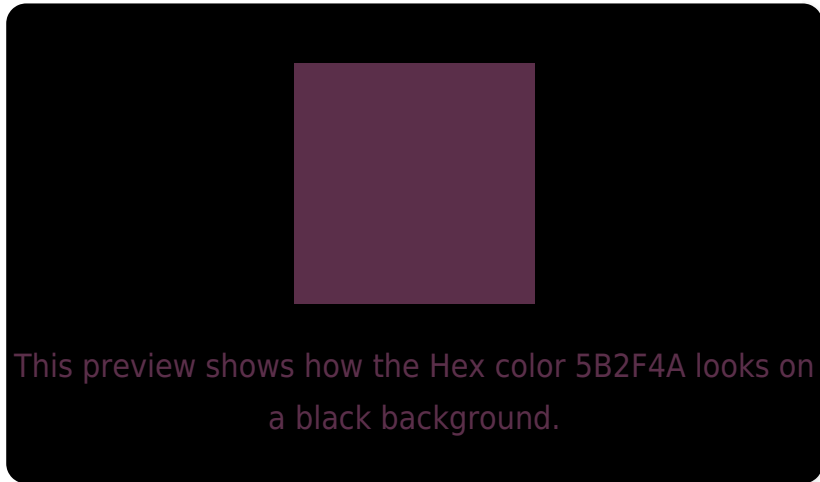
Large Text (above 18pt) WCAG AA ✓ Pass

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

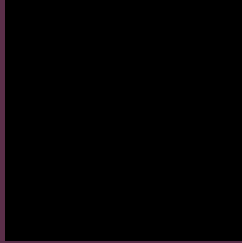
Any Text WCAG AA × Fail

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 5B2F4A Background



This preview shows how black text looks on a background with the Hex color 5B2F4A.

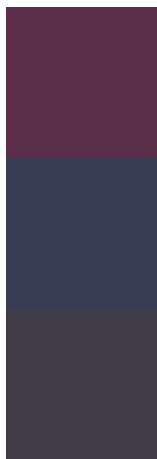


This preview shows how white text looks on a background with the Hex color 5B2F4A.

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
5B2F4A

Protanopia
383D54

Deuteranopia
403D48



Tritanopia
593337

Trichromacy



Original Color
5B2F4A

Protanomaly
453850

Deuteranomaly
4A3849

Tritanomaly
5A323E

Monochromacy



Original Color
5B2F4A

Achromatopsia
3F3F3F

Achromatomaly
493943

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2F4A 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 #5B2F4A looks like.

```
.text, #text, p{  
    color:#5B2F4A  
}
```

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 #5B2F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2F4A
}
```

Border

The CSS property to change the border of an element to Hex 5B2F4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

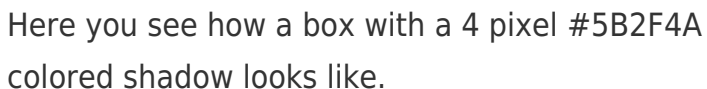
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B2F4A }
```

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

```
.border{ border-color:#5B2F4A }
```

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



Here you see how a box with a 4 pixel #5B2F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2F4A; -webkit-box-shadow:4px 4px  
4px 4px #5B2F4A; box-shadow:4px 4px 4px  
4px #5B2F4A }
```

Background

The CSS property to change the background color of an element to Hex 5B2F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2F4A }
```

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

```
.background{ background-color:#5B2F4A }
```

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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