

# Converting Colors

Hex(6A2F44)

Have a look what the booklet for  
Hex(6A2F44) contains.

<b>Hex(6A2F44)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6A2F44)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A2F44
RGB	106, 47, 68
RGB Percent	42%, 18%, 27%
CMY	0.5843, 0.8157, 0.7333
CMYK	0.00, 0.56, 0.36, 0.58
HSL	339°, 39%, 30%
HSV	339°, 56%, 42%
XYZ	8.0038, 5.5146, 6.1114
YIQ	67.0350, 28.4230, 19.0390

# Conversions

## Conversions Part 2

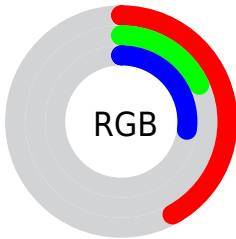
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 47, 68
Decimal	6958916
CIE Lab	28.15, 28.84, -0.45
CIE LCh	28, 28.845, 359.107
Yxy	5.5146, 0.4077, 0.2809
Android (android.graphics.Color)	4285148996 (0xFF6A2F44)
YUV	67.0350, 0.4757, 34.1723
Hunter-Lab	23.4831, 19.7429, 1.0081

# Details

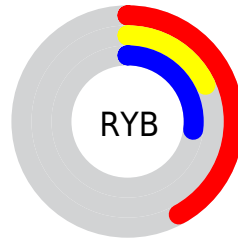
The Hex color **6A2F44** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6A55**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9F5F74**, and **380019** is the 20% darker color. If you saturate the color by 10%, you get **6A243D**, and if you desaturate by 10%, it is **6A3A4B**.

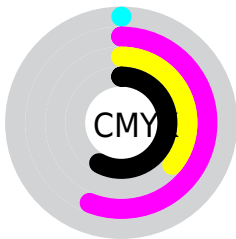
# Distribution



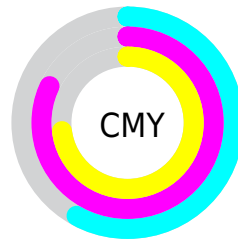
- Red (42%)
- Green (18%)
- Blue (27%)



- Red (42%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (36%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A2F44 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 6A2F44 by changing the saturation by 10% instead.



6A2F44

6A2F44

FFFFFF

50182E

9F5F74

380019

BB798E

230001

D893A8

000000

F5AEC3

FFC9DF

FFE6FC

6A2F44

6A2F44

6A243D

6A3A4B

■ 6A1A36

■ 6A4452

■ 6A0F30

■ 6A4F58

■ 6A0529

■ 6A595F

■ 6A0026

■ 6A6466

■ 6A6F6D

■ 6A7974

■ 6A847B

■ 6A8E81

# Harmonies

## Analogous

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



5D345A



6A2F44



6B312E

# Triad

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



6A2F44



39471A



004A68

# Complementary

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



6A2F44



2F6A55

# 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.



004D57



6A2F44



1C4B2B

# Square

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



6A2F44



4F4114



004D41



11456F

# Rectangle

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



6A2F44



653622



004D41



004C63



# Sweetspot

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



6A2F44



8A727B



542F6A



45373C



C4C4C4



454545



# Same Dimension

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



6A2F44



8A2D4E



6A372F



363032



75002A



F50057



# Inverse Universe

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



6A2F44



8A2D4E



2F626A



363032



75002A

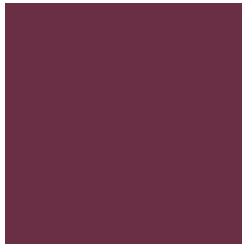


F50057



# Previews

## White Background



This preview shows how the Hex color 6A2F44 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

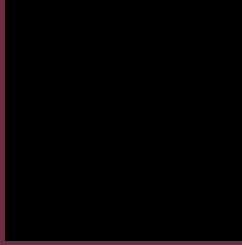
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6A2F44 Background



This preview shows how black text looks on a background with the Hex color 6A2F44.



This preview shows how white text looks on a background with the Hex color 6A2F44.

# 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**  
6A2F44

**Protanopia**  
404350

**Deuteranopia**  
4A4141



**Tritanopia**  
693235

# Trichromacy



**Original Color**  
6A2F44

**Protanomaly**  
4F3C4C

**Deuteranomaly**  
563A42

**Tritanomaly**  
69313A

# Monochromacy



**Original Color**  
6A2F44

**Achromatopsia**  
434343

**Achromatomaly**  
513C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A2F44 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 #6A2F44 looks like.

```
.text, #text, p{  
    color:#6A2F44  
}
```

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 #6A2F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F44  
}
```

## Border

The CSS property to change the border of an element to Hex 6A2F44 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".

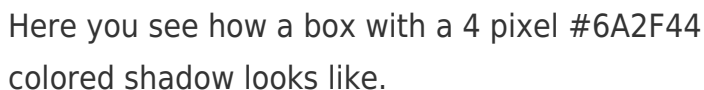
```
.border, #border, table{ border:4px solid  
#6A2F44 }
```

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

```
.border{ border-color:#6A2F44 }
```

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

Here you see how a box with a 4 pixel #6A2F44 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6A2F44 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2F44; -webkit-box-shadow:4px 4px  
4px 4px #6A2F44; box-shadow:4px 4px 4px  
4px #6A2F44 }
```

# Background

The CSS property to change the background color of an element to Hex 6A2F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F44 }
```

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

```
.background{ background-color:#6A2F44 }
```

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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