

Converting Colors

Hex(6A2F38)

Have a look what the booklet for
Hex(6A2F38) contains.

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Color

Hex(6A2F38)

Conversions

Conversions Part 1

Format	Color
Hex	6A2F38
RGB	106, 47, 56
RGB Percent	42%, 18%, 22%
CMY	0.5843, 0.8157, 0.7804
CMYK	0.00, 0.56, 0.47, 0.58
HSL	351°, 39%, 30%
HSV	351°, 56%, 42%
XYZ	7.6742, 5.3827, 4.3759
YIQ	65.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

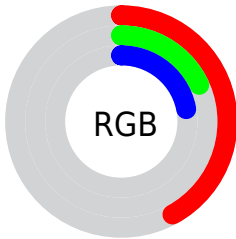
Format	Color
R_{YB}	106, 47, 56
Decimal	6958904
CIE _{Lab}	27.80, 27.32, 7.01
CIE _{LCh}	28, 28.205, 14.387
Yxy	5.3827, 0.4402, 0.3088
Android (android.graphics.Color)	4285148984 (0xFF6A2F38)
YUV	65.6670, -4.7658, 35.3720
Hunter-Lab	23.2007, 18.4419, 5.0578

Details

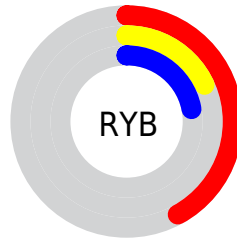
The Hex color **6A2F38** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6A61**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A05F67**, and **37010D** is the 20% darker color. If you saturate the color by 10%, you get **6A242F**, and if you desaturate by 10%, it is **6A3A41**.

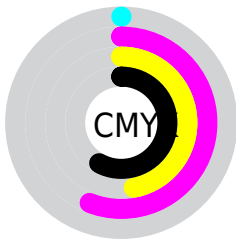
Distribution



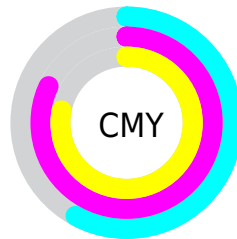
- Red (42%)
- Green (18%)
- Blue (22%)



- Red (42%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (47%)
- Black (58%)



- Cyan (58%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2F38 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 6A2F38 by changing the saturation by 10% instead.

6A2F38

6A2F38

FFFFFF

501823

A05F67

37010D

BC7880

200001

D8939A

000000

F6ADB4

FFC9D0

FFE5EC

6A2F38

6A2F38

6A242F

6A3A41

 6A1A26

 6A444A

 6A0F1D

 6A4F53

 6A0514

 6A595C

 6A0010

 6A6465

 6A6F6E

 6A7977

 6A8480

 6A8E89

Harmonies

Analogous

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



64304E



6A2F38



653424

Triad

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



6A2F38



2C4921



00476B

Complementary

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



6A2F38



2F6A61

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.



004B5F



6A2F38



004C35

Square

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



6A2F38



444415



004C4C



2F406C

Rectangle

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



6A2F38



5D3A1A



004C4C



004968

Sweetspot

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



6A2F38



8A7276



602F6A



453739



C4C4C4



454545

Same Dimension

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



6A2F38



8A2D3C



6A432F



363031



750012



F50025

Inverse Universe

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



6A2F38



8A2D3C



2F566A



363031



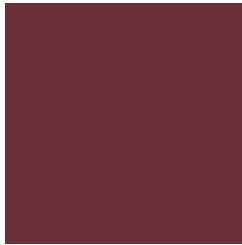
750012



F50025

Previews

White Background



This preview shows how the Hex color 6A2F38 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

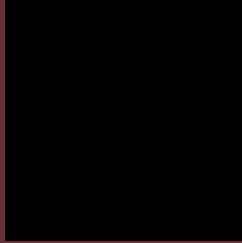
Any Text WCAG AA × Fail

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 6A2F38 Background



This preview shows how black text looks on a background with the Hex color 6A2F38.



This preview shows how white text looks on a background with the Hex color 6A2F38.

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
6A2F38

Protanopia
444242

Deuteranopia
4D4035



Tritanopia
6A3033

Trichromacy



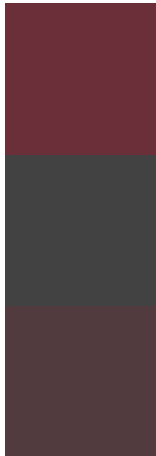
Original Color
6A2F38

Protanomaly
523B3E

Deuteranomaly
583A36

Tritanomaly
6A3035

Monochromacy



Original Color
6A2F38

Achromatopsia
424242

Achromatomaly
513B3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2F38 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 #6A2F38 looks like.

```
.text, #text, p{  
    color:#6A2F38  
}
```

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 #6A2F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2F38
}
```

Border

The CSS property to change the border of an element to Hex 6A2F38 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".

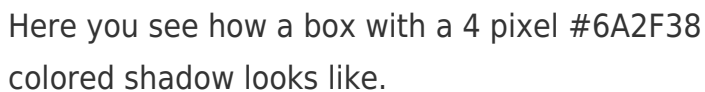
```
.border, #border, table{ border:4px solid
#6A2F38 }
```

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

```
.border{ border-color:#6A2F38 }
```

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

Here you see how a box with a 4 pixel #6A2F38 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 #6A2F38; -webkit-box-shadow:4px 4px  
4px 4px #6A2F38; box-shadow:4px 4px 4px  
4px #6A2F38 }
```

Background

The CSS property to change the background color of an element to Hex 6A2F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2F38 }
```

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

```
.background{ background-color:#6A2F38 }
```

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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