

# Converting Colors

Hex(6A462F)

Have a look what the booklet for  
Hex(6A462F) contains.

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**Color**

**Hex(6A462F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A462F
RGB	106, 70, 47
RGB Percent	42%, 27%, 18%
CMY	0.5843, 0.7255, 0.8157
CMYK	0.00, 0.34, 0.56, 0.58
HSL	23°, 39%, 30%
HSV	23°, 56%, 42%
XYZ	8.6471, 7.6497, 3.7101
YIQ	78.1420, 28.8390, 0.4790

# Conversions

## Conversions Part 2

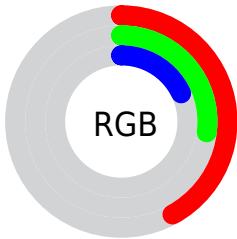
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 85, 47
Decimal	6964783
CIE Lab	33.24, 12.63, 20.06
CIE LCh	33, 23.704, 57.815
Yxy	7.6497, 0.4322, 0.3824
Android (android.graphics.Color)	4285154863 (0xFF6A462F)
YUV	78.1420, -15.3530, 24.4315
Hunter-Lab	27.6581, 7.4049, 11.4074

# Details

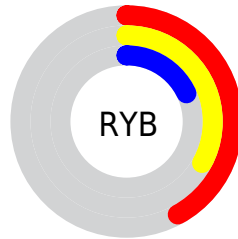
The Hex color **6A462F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F536A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9F765D**, and **381A00** is the 20% darker color. If you saturate the color by 10%, you get **6A4024**, and if you desaturate by 10%, it is **6A4C3A**.

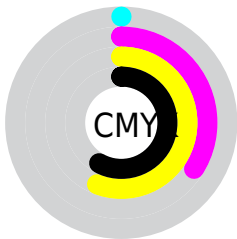
# Distribution



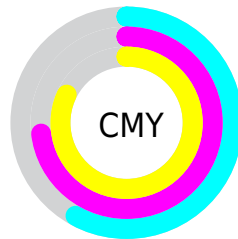
- Red (42%)
- Green (27%)
- Blue (18%)



- Red (42%)
- Yellow (33%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A462F 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 6A462F by changing the saturation by 10% instead.



 6A462F

 6A462F

FFFFFF

 502F1A

 9F765D

 381A00

 BB9076

 210100

 D7AB90

 000000

 F4C6AA

 FFE2C6

 FFFFE2

 6A462F

 6A462F

 6A4024

 6A4C3A

■ 6A391A

■ 6A5344

■ 6A330F

■ 6A594F

■ 6A2C05

■ 6A6059

■ 6A2900

■ 6A6664

■ 6A6D6F

■ 6A7379

■ 6A7A84

■ 6A808E

# Harmonies

## Analogous

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



72413E



6A462F



5B4D28

# Triad

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



6A462F



15584C



4E4A6F

# Complementary

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



6A462F



2F536A

# 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.



2F5073



6A462F



00585F

# Square

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



6A462F



32563A



00556D



644362

# Rectangle

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



6A462F



4F512A



00556D



454C72



# Sweetspot

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



6A462F



8A7B72



6A2F53



453C37



C4C4C4



454545



# Same Dimension

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



6A462F



8A512D



6A632F



363230



752E00



F55F00



# Inverse Universe

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



2F536A



2D668A



2F366A



303336



004875



0095F5



# Previews

## White Background



This preview shows how the Hex color 6A462F looks on a white background.

## Color Contrast Check

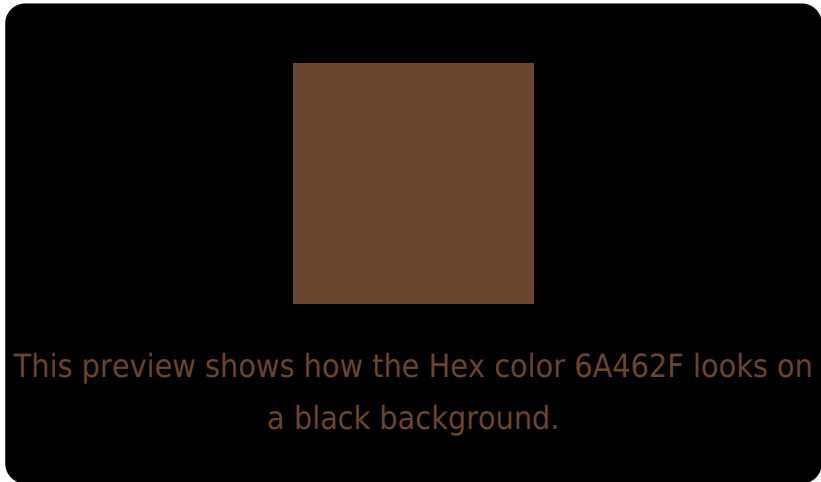
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A462F Background



This preview shows how black text looks on a background with the Hex color 6A462F.



This preview shows how white text looks on a background with the Hex color 6A462F.

# 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**  
6A462F

**Protanopia**  
554F32

**Deuteranopia**  
604B2E



**Tritanopia**  
6C4348

# Trichromacy



**Original Color**  
6A462F

**Protanomaly**  
5D4C31

**Deuteranomaly**  
64492E

**Tritanomaly**  
6B443F

# Monochromacy



**Original Color**  
6A462F

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
584B43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A462F 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 #6A462F looks like.

```
.text, #text, p{  
    color:#6A462F  
}
```

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 #6A462F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A462F  
}
```

## Border

The CSS property to change the border of an element to Hex 6A462F is called "border". The border property can be set on classes, ids or directly on the HTML element.

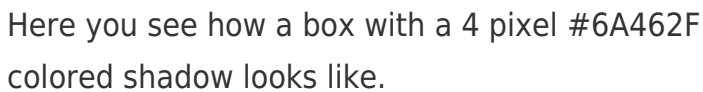
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A462F }
```

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

```
.border{ border-color:#6A462F }
```

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



Here you see how a box with a 4 pixel #6A462F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A462F; -webkit-box-shadow:4px 4px  
4px 4px #6A462F; box-shadow:4px 4px 4px  
4px #6A462F }
```

# Background

The CSS property to change the background color of an element to Hex 6A462F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A462F }
```

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

```
.background{ background-color:#6A462F }
```

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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