

# Converting Colors

Hex(60472A)

Have a look what the booklet for  
Hex(60472A) contains.

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**Color**

**Hex(60472A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60472A
RGB	96, 71, 42
RGB Percent	38%, 28%, 16%
CMY	0.6235, 0.7216, 0.8353
CMYK	0.00, 0.26, 0.56, 0.62
HSL	32°, 39%, 27%
HSV	32°, 56%, 38%
XYZ	7.4950, 7.1604, 3.1776
YIQ	75.1690, 24.2090, -3.7190

# Conversions

## Conversions Part 2

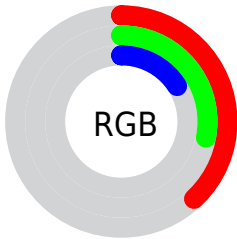
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 96, 42
Decimal	6309674
CIELab	32.17, 6.78, 21.48
CIElCh	32, 22.522, 72.467
Yxy	7.1604, 0.4203, 0.4015
Android (android.graphics.Color)	4284499754 (0xFF60472A)
YUV	75.1690, -16.3523, 18.2688
Hunter-Lab	26.7590, 3.1685, 11.6908

# Details

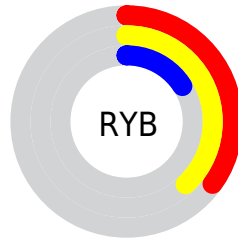
The Hex color **60472A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A4360**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **947758**, and **301C00** is the 20% darker color. If you saturate the color by 10%, you get **604320**, and if you desaturate by 10%, it is **604B34**.

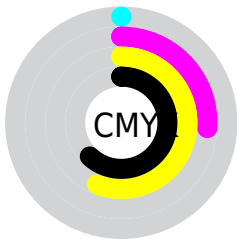
# Distribution



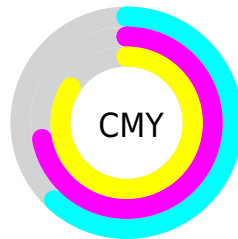
- Red (38%)
- Green (28%)
- Blue (16%)



- Red (35%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (62%)



- Cyan (62%)
- Magenta (72%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60472A 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 60472A by changing the saturation by 10% instead.





60472A



60472A

FFFFFF



473115



947758



301C00



B09171



180200



CBAB8A



000000



E8C7A5



FFE3C0



FFFFDC



FFFFF8



60472A



60472A

■ 604320

■ 604B34

■ 603E17

■ 60503D

■ 603A0D

■ 605447

■ 603504

■ 605950

■ 603400

■ 605D5A

■ 606264

■ 60666D

■ 606B77

■ 606F80

# Harmonies

## Analogous

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



6B4135



60472A



504D28

# Triad

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



60472A



055553



574466

# Complementary

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



60472A



2A4360

# 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.



3E4B6E



60472A



005463

# Square

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



60472A



255440



1D506D



683F57

# Rectangle

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



60472A



43502D



1D506D



4F476A



# Sweetspot

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



60472A



7D7368



602A43



403A33



BFBFBF



404040



# Same Dimension

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



60472A



7D5628



5E602A



302E2C



703C00



F08100



# Inverse Universe

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



2A4360



284F7D



2C2A60



2C2E30



003470



006FF0



# Previews

## White Background



This preview shows how the Hex color 60472A looks on a white background.

## Color Contrast Check

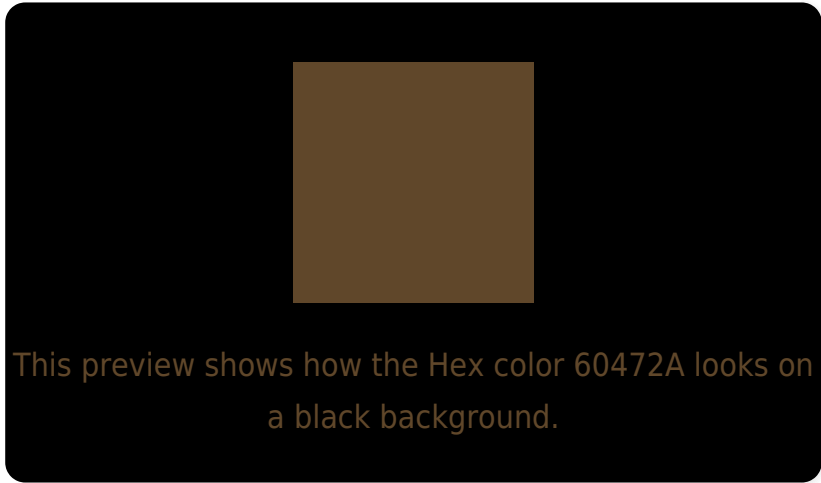
Large Text (above 18pt) WCAG AA ✓ Pass

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 60472A Background



This preview shows how black text looks on a background with the Hex color 60472A.



This preview shows how white text looks on a background with the Hex color 60472A.

# 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**  
60472A

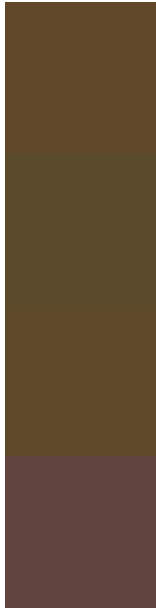
**Protanopia**  
534C2C

**Deuteranopia**  
5D482A



**Tritanopia**  
624349

# Trichromacy



**Original Color**  
60472A

**Protanomaly**  
584A2B

**Deuteranomaly**  
5E482A

**Tritanomaly**  
61443E

# Monochromacy



**Original Color**  
60472A

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
534A3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60472A 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 #60472A looks like.

```
.text, #text, p{  
    color:#60472A  
}
```

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 #60472A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60472A
}
```

## Border

The CSS property to change the border of an element to Hex 60472A is called "border". The border property can be set on classes, ids or directly on the HTML element.

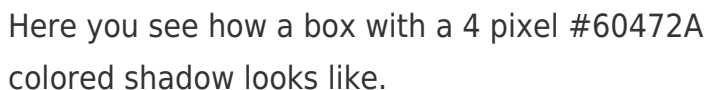
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60472A }
```

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

```
.border{ border-color:#60472A }
```

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



Here you see how a box with a 4 pixel #60472A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60472A; -webkit-box-shadow:4px 4px  
4px 4px #60472A; box-shadow:4px 4px 4px  
4px #60472A }
```

# Background

The CSS property to change the background color of an element to Hex 60472A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60472A }
```

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

```
.background{ background-color:#60472A }
```

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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