

# Converting Colors

Hex(6D521A)

Have a look what the booklet for  
Hex(6D521A) contains.

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**Color**

**Hex(6D521A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D521A
RGB	109, 82, 26
RGB Percent	43%, 32%, 10%
CMY	0.5725, 0.6784, 0.8980
CMYK	0.00, 0.25, 0.76, 0.57
HSL	40°, 61%, 26%
HSV	40°, 76%, 43%
XYZ	9.5104, 9.3604, 2.2828
YIQ	83.6890, 34.0680, -11.6920

# Conversions

## Conversions Part 2

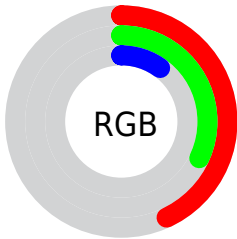
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 109, 26
Decimal	7164442
CIELab	36.67, 5.10, 35.66
CIELCh	37, 36.024, 81.855
Yxy	9.3604, 0.4496, 0.4425
Android (android.graphics.Color)	4285354522 (0xFF6D521A)
YUV	83.6890, -28.4407, 22.1977
Hunter-Lab	30.5947, 1.9462, 16.9925

# Details

The Hex color **6D521A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1A356D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A38349**, and **3A2600** is the 20% darker color. If you saturate the color by 10%, you get **6D4E0F**, and if you desaturate by 10%, it is **6D5625**.

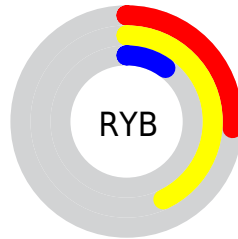
# Distribution



Red (43%)

Green (32%)

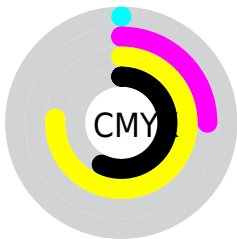
Blue (10%)



Red (26%)

Yellow (43%)

Blue (10%)

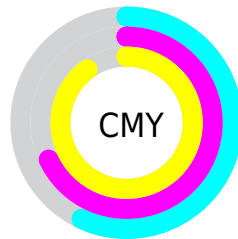


Cyan (0%)

Magenta (25%)

Yellow (76%)

Black (57%)



Cyan (57%)

Magenta (68%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D521A 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 6D521A by changing the saturation by 10% instead.





6D521A



6D521A

FFFFFF



533B01



A38349



3A2600



C09D62



211200



DCB87B



000000



FAD496



FFF0B1



FFFCC



FFFEE9



6D521A



6D521A

■ 6D4E0F

■ 6D5625

■ 6D4B04

■ 6D5930

■ 6D4A00

■ 6D5D3B

■ 6D6046

■ 6D6451

■ 6D675B

■ 6D6B66

■ 6D6E71

■ 6D727C

# Harmonies

## Analogous

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



814729



6D521A



525B1D

# Triad

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



6D521A



00646B



72467A

# Complementary

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



6D521A



1A356D

# 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.



4A528C



6D521A



006283

# Square

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



6D521A



00644D



005C8F



873D5F

# Rectangle

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



6D521A



3B5F29



005C8F



674A82



# Sweetspot

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



6D521A



8F846E



6D1A36



474133



C7C7C7



474747



# Same Dimension

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



6D521A



8F650D



5F6D1A



363430



754F00



F5A500



# Inverse Universe

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



1A356D



0D378F



281A6D



303236



002675



0050F5



# Previews

## White Background



This preview shows how the Hex color 6D521A 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

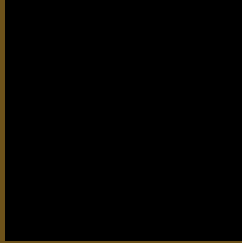
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D521A Background



This preview shows how black text looks on a background with the Hex color 6D521A.



This preview shows how white text looks on a background with the Hex color 6D521A.

# 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**  
6D521A

**Protanopia**  
61571B

**Deuteranopia**  
6D521A



**Tritanopia**  
714D52

# Trichromacy



**Original Color**  
6D521A

**Protanomaly**  
65551B

**Deuteranomaly**  
6D521A

**Tritanomaly**  
704F3E

# Monochromacy



**Original Color**  
6D521A

**Achromatopsia**  
545454

**Achromatomaly**  
5D533F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D521A 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 #6D521A looks like.

```
.text, #text, p{  
    color:#6D521A  
}
```

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 #6D521A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D521A
}
```

## Border

The CSS property to change the border of an element to Hex 6D521A 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
#6D521A }
```

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

```
.border{ border-color:#6D521A }
```

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

Here you see how a box with a 4 pixel #6D521A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D521A; -webkit-box-shadow:4px 4px  
4px 4px #6D521A; box-shadow:4px 4px 4px  
4px #6D521A }
```

# Background

The CSS property to change the background color of an element to Hex 6D521A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D521A }
```

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

```
.background{ background-color:#6D521A }
```

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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