

# Converting Colors

Hex(6D241A)

Have a look what the booklet for  
Hex(6D241A) contains.

<b>Hex(6D241A)</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(6D241A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D241A
RGB	109, 36, 26
RGB Percent	43%, 14%, 10%
CMY	0.5725, 0.8588, 0.8980
CMYK	0.00, 0.67, 0.76, 0.57
HSL	7°, 61%, 26%
HSV	7°, 76%, 43%
XYZ	7.1240, 4.5875, 1.4873
YIQ	56.6870, 46.7180, 12.3660

# Conversions

## Conversions Part 2

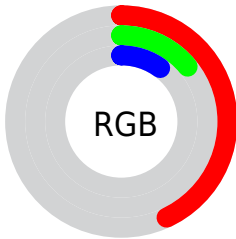
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 37, 26
Decimal	7152666
CIELab	25.53, 31.82, 23.79
CIElCh	26, 39.731, 36.778
Yxy	4.5875, 0.5397, 0.3476
Android (android.graphics.Color)	4285342746 (0xFF6D241A)
YUV	56.6870, -15.1287, 45.8785
Hunter-Lab	21.4186, 21.8882, 10.8759

# Details

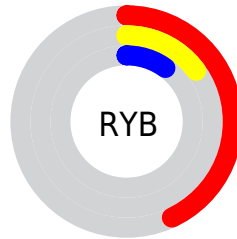
The Hex color **6D241A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1A636D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A55546**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6D1A0F**, and if you desaturate by 10%, it is **6D2E25**.

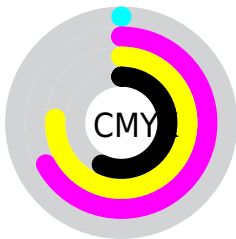
# Distribution



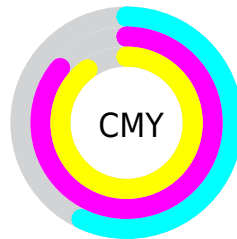
- Red (43%)
- Green (14%)
- Blue (10%)



- Red (43%)
- Yellow (15%)
- Blue (10%)



- Cyan (0%)
- Magenta (67%)
- Yellow (76%)
- Black (57%)



- Cyan (57%)
- Magenta (86%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D241A 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 6D241A by changing the saturation by 10% instead.



 6D241A

 6D241A

FFFFFF

 520A00


 A55546

 370000

 C26E5E

 190001

 E08876

 000000

 FEA390

 FFBEAB

 FFDAC6

 FFF7E2

 6D241A

 6D241A

■ 6D1A0F

■ 6D2E25

■ 6D1104

■ 6D3730

■ 6D0D00

■ 6D413B

■ 6D4A46

■ 6D5451

■ 6D5E5B

■ 6D6766

■ 6D7171

■ 6D7A7C

# Harmonies

## Analogous

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



711B37



6D241A



5D3200

# Triad

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



6D241A



004923



003E79

# Complementary

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



6D241A



1A636D

# 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.



004674



6D241A



004A43

# Square

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



6D241A



244504



004960



45316D

# Rectangle

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



6D241A



4D3A00



004960



004179



# Sweetspot

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



6D241A



8F726E



6D1A63



473633



C7C7C7



474747



# Same Dimension

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



6D241A



8F1D0D



6D4D1A



363130



750E00



F51D00



# Inverse Universe

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



1A636D



0D7F8F



1A3A6D



303536



006775



00D7F5



# Previews

## White Background



This preview shows how the Hex color 6D241A looks on a white background.

## Color Contrast Check

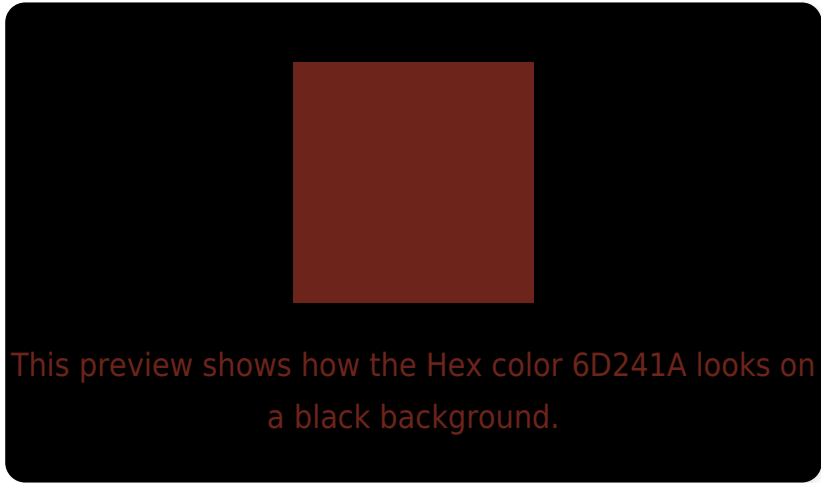
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D241A Background



This preview shows how black text looks on a background with the Hex color 6D241A.

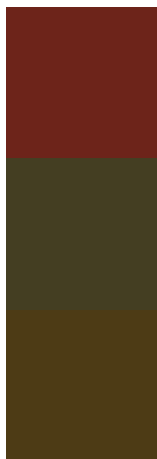


This preview shows how white text looks on a background with the Hex color 6D241A.

# 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**  
6D241A

**Protanopia**  
443E22

**Deuteranopia**  
4D3B15



**Tritanopia**  
6D2324

# Trichromacy



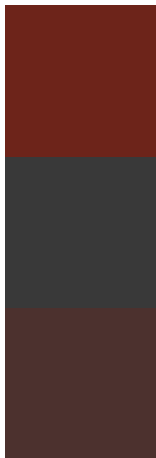
**Original Color**  
6D241A

**Protanomaly**  
53351F

**Deuteranomaly**  
593317

**Tritanomaly**  
6D2320

# Monochromacy



**Original Color**  
6D241A

**Achromatopsia**  
393939

**Achromatomaly**  
4C312E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D241A 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 #6D241A looks like.

```
.text, #text, p{  
    color:#6D241A  
}
```

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 #6D241A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D241A
}
```

## Border

The CSS property to change the border of an element to Hex 6D241A 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
#6D241A }
```

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

```
.border{ border-color:#6D241A }
```

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

Here you see how a box with a 4 pixel #6D241A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D241A; -webkit-box-shadow:4px 4px  
4px 4px #6D241A; box-shadow:4px 4px 4px  
4px #6D241A }
```

# Background

The CSS property to change the background color of an element to Hex 6D241A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D241A }
```

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

```
.background{ background-color:#6D241A }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor