

# Converting Colors

Hex(6D7D2A)

Have a look what the booklet for  
Hex(6D7D2A) contains.

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**Color**

**Hex(6D7D2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7D2A
RGB	109, 125, 42
RGB Percent	43%, 49%, 16%
CMY	0.5725, 0.5098, 0.8353
CMYK	0.13, 0.00, 0.66, 0.51
HSL	72°, 50%, 33%
HSV	72°, 66%, 49%
XYZ	14.0582, 18.0856, 4.9404
YIQ	110.7540, 17.1070, -29.2050

# Conversions

## Conversions Part 2

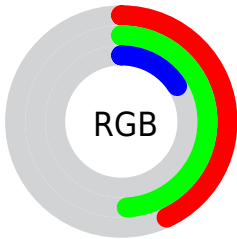
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 125, 58
Decimal	7175466
CIE <sub>Lab</sub>	49.60, -18.33, 41.77
CIE <sub>LCh</sub>	50, 45.615, 113.698
Yxy	18.0856, 0.3791, 0.4877
Android (android.graphics.Color)	4285365546 (0xFF6D7D2A)
YUV	110.7540, -33.8957, -1.5383
Hunter-Lab	42.5272, -15.4158, 22.8813

# Details

The Hex color **6D7D2A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3A2A7D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **A3B25C**, and **3A4C00** is the 20% darker color. If you saturate the color by 10%, you get **6B7D1E**, and if you desaturate by 10%, it is **6F7D37**.

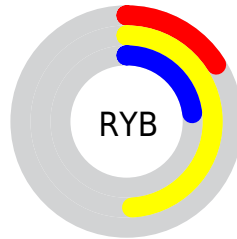
# Distribution



Red (43%)

Green (49%)

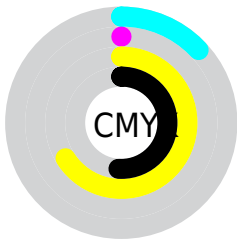
Blue (16%)



Red (16%)

Yellow (49%)

Blue (23%)

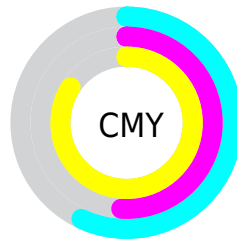


Cyan (13%)

Magenta (0%)

Yellow (66%)

Black (51%)



Cyan (57%)

Magenta (51%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D7D2A 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 6D7D2A by changing the saturation by 10% instead.



 6D7D2A

 6D7D2A

FFFFFF

 53640F

 A3B25C

 3A4C00

 BECD76

 223500

 DBE990

 062000

 F8FFAB

 000000

 FFFFC7

 FFFF E3

 6D7D2A

 6D7D2A

 6B7D1E

 6F7D37

■ 687D11

■ 727D43

■ 667D05

■ 747D50

■ 657D00

■ 777D5C

■ 797D69

■ 7B7D75

■ 7E7D82

■ 807D8E

■ 837D9B

# Harmonies

## Analogous

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



927124



6D7D2A



3C8546

# Triad

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



6D7D2A



0085B4



B85480

# Complementary

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



6D7D2A



3A2A7D

# 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.



9D5FA4



6D7D2A



007DC3

# Square

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



6D7D2A



008994



696FBD



BD5659

# Rectangle

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



6D7D2A



00885F



696FBD



B2568D



# Sweetspot

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



6D7D2A



9DA383



7D392A



4E523E



D1D1D1



525252



# Same Dimension

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



6D7D2A



8AA321



447D2A



3F4039



678000



000000



# Inverse Universe

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



3A2A7D



3A21A3



632A7D



3B3940



190080



000000



# Previews

## White Background



This preview shows how the Hex color 6D7D2A 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 × Fail

# Black 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 × Fail

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



## Hex 6D7D2A Background



This preview shows how black text looks on a background with the Hex color 6D7D2A.



This preview shows how white text looks on a background with the Hex color 6D7D2A.

# 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**  
6D7D2A

**Protanopia**  
847628

**Deuteranopia**  
93702E



**Tritanopia**  
76757E

# Trichromacy



**Original Color**  
6D7D2A

**Protanomaly**  
7C7929

**Deuteranomaly**  
85752D

**Tritanomaly**  
73785F

# Monochromacy



**Original Color**  
6D7D2A

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6E7456

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D7D2A 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 #6D7D2A looks like.

```
.text, #text, p{  
    color:#6D7D2A  
}
```

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 #6D7D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7D2A
}
```

## Border

The CSS property to change the border of an element to Hex 6D7D2A 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
#6D7D2A }
```

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

```
.border{ border-color:#6D7D2A }
```

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

Here you see how a box with a 4 pixel #6D7D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7D2A; -webkit-box-shadow:4px 4px  
4px 4px #6D7D2A; box-shadow:4px 4px 4px  
4px #6D7D2A }
```

# Background

The CSS property to change the background color of an element to Hex 6D7D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7D2A }
```

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

```
.background{ background-color:#6D7D2A }
```

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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