

# Converting Colors

Hex(6D6924)

Have a look what the booklet for  
Hex(6D6924) contains.

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**Color**

**Hex(6D6924)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6924
RGB	109, 105, 36
RGB Percent	43%, 41%, 14%
CMY	0.5725, 0.5882, 0.8588
CMYK	0.00, 0.04, 0.67, 0.57
HSL	57°, 50%, 28%
HSV	57°, 67%, 43%
XYZ	11.6767, 13.4817, 3.6559
YIQ	98.3300, 24.5330, -20.6110

# Conversions

## Conversions Part 2

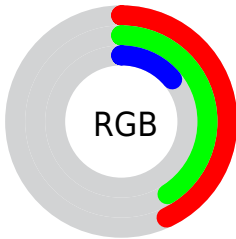
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 109, 36
Decimal	7170340
CIE <sub>Lab</sub>	43.48, -7.82, 38.03
CIE <sub>LCh</sub>	43, 38.826, 101.621
Yxy	13.4817, 0.4052, 0.4679
Android (android.graphics.Color)	4285360420 (0xFF6D6924)
YUV	98.3300, -30.7287, 9.3576
Hunter-Lab	36.7175, -7.4900, 19.7989

# Details

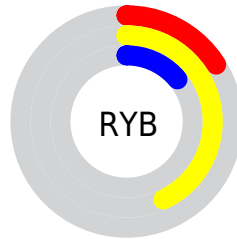
The Hex color **6D6924** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24286D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A39C55**, and **3B3A00** is the 20% darker color. If you saturate the color by 10%, you get **6D6819**, and if you desaturate by 10%, it is **6D6A2F**.

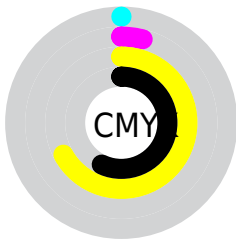
# Distribution



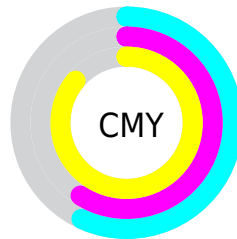
- Red (43%)
- Green (41%)
- Blue (14%)



- Red (16%)
- Yellow (43%)
- Blue (14%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (57%)



- Cyan (57%)
- Magenta (59%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D6924 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 6D6924 by changing the saturation by 10% instead.





6D6924



6D6924

FFFFFF



53510A



A39C55



3B3A00



BEB76E



232500



DBD288



001100



F8EFA2



000000



FFFFBE



FFFFDA



FFFFF7



6D6924



6D6924

■ 6D6819

■ 6D6A2F

■ 6D680E

■ 6D6A3A

■ 6D6703

■ 6D6B45

■ 6D6700

■ 6D6B50

■ 6D6C5B

■ 6D6D65

■ 6D6D70

■ 6D6E7B

■ 6D6E86

# Harmonies

## Analogous

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



895E28



6D6924



4A7134

# Triad

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



6D6924



007591



974E7C

# Complementary

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



6D6924



24286D

# 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.



795997



6D6924



0070A3

# Square

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



6D6924



007773



4466A6



A34B5B

# Rectangle

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



6D6924



2A7447



4466A6



905186



# Sweetspot

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



6D6924



8F8D72



6D2429



474636



C7C7C7



474747



# Same Dimension

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



6D6924



8F891D



4D6D24



363530



756F00



F5E700



# Inverse Universe

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



24286D



1D238F



44246D



303036



000675



000DF5



# Previews

## White Background



This preview shows how the Hex color 6D6924 looks on a white background.

## Color Contrast Check

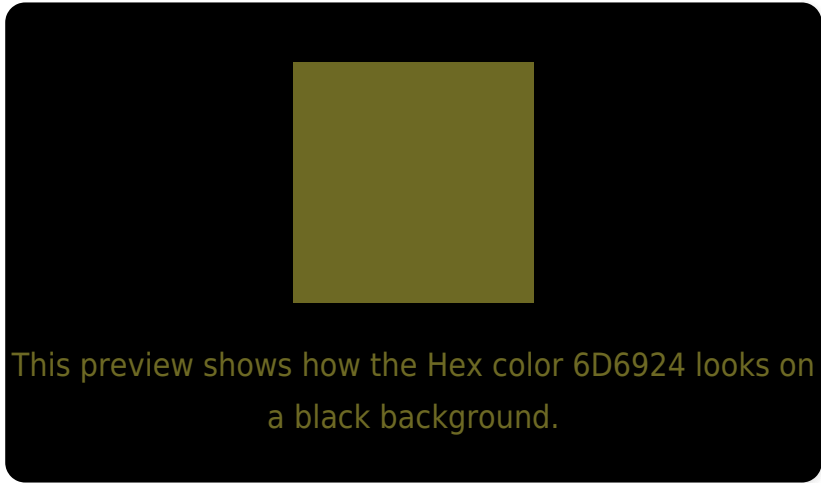
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

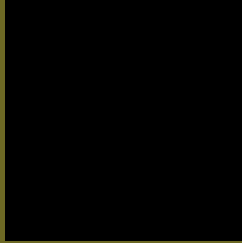
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D6924 Background



This preview shows how black text looks on a background with the Hex color 6D6924.



This preview shows how white text looks on a background with the Hex color 6D6924.

# 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**  
6D6924

**Protanopia**  
736723

**Deuteranopia**  
806226



**Tritanopia**  
73626A

# Trichromacy



**Original Color**  
6D6924

**Protanomaly**  
716823

**Deuteranomaly**  
796525

**Tritanomaly**  
716551

# Monochromacy



**Original Color**  
6D6924

**Achromatopsia**  
626262

**Achromatomaly**  
66654B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D6924 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 #6D6924 looks like.

```
.text, #text, p{  
    color:#6D6924  
}
```

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 #6D6924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6924
}
```

## Border

The CSS property to change the border of an element to Hex 6D6924 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
#6D6924 }
```

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

```
.border{ border-color:#6D6924 }
```

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

Here you see how a box with a 4 pixel #6D6924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6924; -webkit-box-shadow:4px 4px  
4px 4px #6D6924; box-shadow:4px 4px 4px  
4px #6D6924 }
```

# Background

The CSS property to change the background color of an element to Hex 6D6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6924 }
```

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

```
.background{ background-color:#6D6924 }
```

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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