

# Converting Colors

Hex(636D2D)

Have a look what the booklet for  
Hex(636D2D) contains.

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**Color**

**Hex(636D2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636D2D
RGB	99, 109, 45
RGB Percent	39%, 43%, 18%
CMY	0.6118, 0.5725, 0.8235
CMYK	0.09, 0.00, 0.59, 0.57
HSL	69°, 42%, 30%
HSV	69°, 59%, 43%
XYZ	11.0879, 13.7794, 4.5579
YIQ	98.7140, 14.5840, -22.0240

# Conversions

## Conversions Part 2

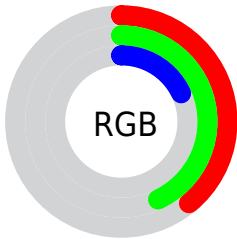
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 109, 55
Decimal	6516013
CIELab	43.91, -13.94, 33.86
CIELCh	44, 36.617, 112.384
Yxy	13.7794, 0.3768, 0.4683
Android (android.graphics.Color)	4284706093 (0xFF636D2D)
YUV	98.7140, -26.4810, 0.2508
Hunter-Lab	37.1206, -11.6433, 18.7044

# Details

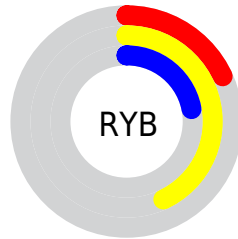
The Hex color **636D2D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **372D6D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **97A05D**, and **323E00** is the 20% darker color. If you saturate the color by 10%, you get **616D22**, and if you desaturate by 10%, it is **656D38**.

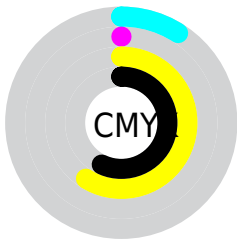
# Distribution



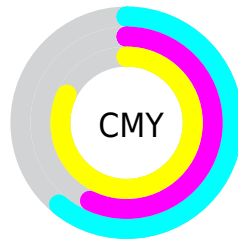
- Red (39%)
- Green (43%)
- Blue (18%)



- Red (18%)
- Yellow (43%)
- Blue (22%)



- Cyan (9%)
- Magenta (0%)
- Yellow (59%)
- Black (57%)



- Cyan (61%)
- Magenta (57%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 636D2D 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 636D2D by changing the saturation by 10% instead.





636D2D



636D2D

FFFFFF



4A5515



97A05D



323E00



B3BB77



1B2800



CFD791



001500



EBF4AC



000000



FFFFC7



FFFFE3



636D2D



636D2D



616D22



656D38

■ 606D17

■ 666D43

■ 5E6D0C

■ 686D4E

■ 5C6D01

■ 6A6D59

■ 5C6D00

■ 6C6D63

■ 6D6D6E

■ 6F6D79

■ 716D84

■ 726D8F

# Harmonies

## Analogous

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



80632A



636D2D



3F7341

# Triad

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



636D2D



007497



9C4F71

# Complementary

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



636D2D



372D6D

# 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.



86578D



636D2D



0E6DA4

# Square

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



636D2D



00777E



5D63A0



A04F52

# Rectangle

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



636D2D



197654



5D63A0



97517B



# Sweetspot

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



636D2D



8B8F75



6D372D



454738



C7C7C7



474747



# Same Dimension

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



636D2D



7F8F2B



436D2D



353630



637500



CFF500



# Inverse Universe

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



372D6D



3A2B8F



572D6D



313036



120075



2600F5



# Previews

## White Background



This preview shows how the Hex color 636D2D looks on a white background.

## Color Contrast Check

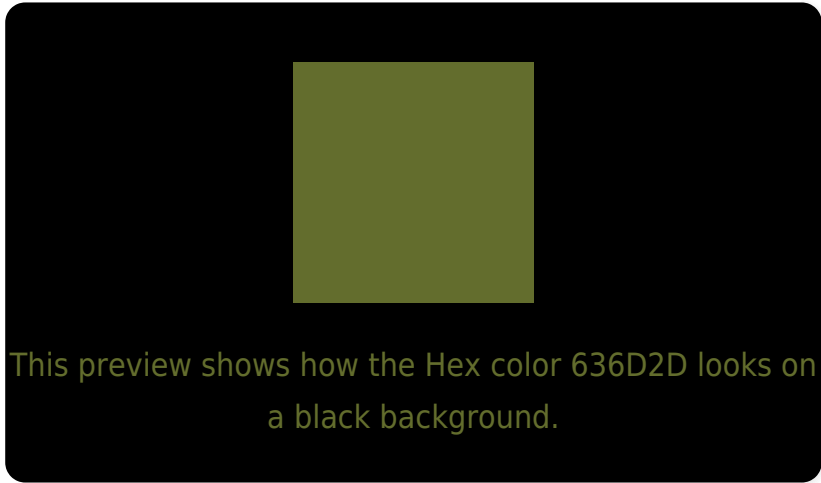
Large Text (above 18pt) WCAG AA ✓ Pass

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

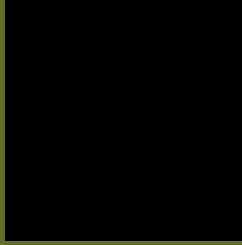
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 636D2D Background



This preview shows how black text looks on a background with the Hex color 636D2D.



This preview shows how white text looks on a background with the Hex color 636D2D.

# 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**  
636D2D

**Protanopia**  
73682B

**Deuteranopia**  
806330



**Tritanopia**  
6A666E

# Trichromacy



**Original Color**  
636D2D

**Protanomaly**  
6D6A2C

**Deuteranomaly**  
75672F

**Tritanomaly**  
676956

# Monochromacy



**Original Color**  
636D2D

**Achromatopsia**  
636363

**Achromatomaly**  
63674F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 636D2D 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 #636D2D looks like.

```
.text, #text, p{  
    color:#636D2D  
}
```

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 #636D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636D2D
}
```

## Border

The CSS property to change the border of an element to Hex 636D2D 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
#636D2D }
```

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

```
.border{ border-color:#636D2D }
```

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

Here you see how a box with a 4 pixel #636D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636D2D; -webkit-box-shadow:4px 4px  
4px 4px #636D2D; box-shadow:4px 4px 4px  
4px #636D2D }
```

# Background

The CSS property to change the background color of an element to Hex 636D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636D2D }
```

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

```
.background{ background-color:#636D2D }
```

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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