

# Converting Colors

Hex(626D37)

Have a look what the booklet for  
Hex(626D37) contains.

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**Color**

**Hex(626D37)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	626D37
RGB	98, 109, 55
RGB Percent	38%, 43%, 22%
CMY	0.6157, 0.5725, 0.7843
CMYK	0.10, 0.00, 0.50, 0.57
HSL	72°, 33%, 32%
HSV	72°, 50%, 43%
XYZ	11.1952, 13.8098, 5.6899
YIQ	99.5550, 10.7780, -19.1260

# Conversions

## Conversions Part 2

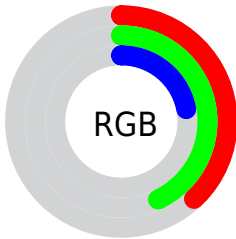
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 109, 66
Decimal	6450487
CIELab	43.96, -13.35, 28.60
CIElCh	44, 31.565, 115.016
Yxy	13.8098, 0.3647, 0.4499
Android (android.graphics.Color)	4284640567 (0xFF626D37)
YUV	99.5550, -21.9656, -1.3637
Hunter-Lab	37.1615, -11.2580, 16.9350

# Details

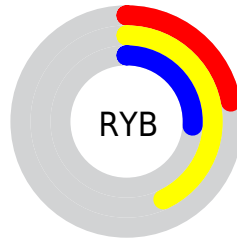
The Hex color **626D37** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **42376D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **96A067**, and **323E09** is the 20% darker color. If you saturate the color by 10%, you get **606D2C**, and if you desaturate by 10%, it is **646D42**.

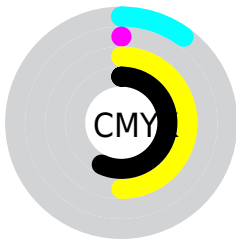
# Distribution



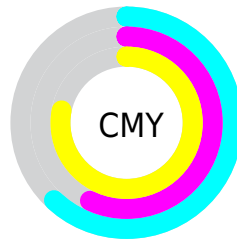
- Red (38%)
- Green (43%)
- Blue (22%)



- Red (22%)
- Yellow (43%)
- Blue (26%)



- Cyan (10%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 626D37 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 626D37 by changing the saturation by 10% instead.





626D37



626D37

FFFFFF



495520



96A067



323E09



B1BB81



1C2800



CDD79B



001500



E9F4B6



000000



FFFFD2



FFFEE



626D37



626D37



606D2C



646D42

■ 5E6D21

■ 666D4D

■ 5B6D16

■ 696D58

■ 596D0B

■ 6B6D63

■ 576D01

■ 6D6D6E

■ 576D00

■ 6F6D78

■ 726D83

■ 746D8E

■ 766D99

# Harmonies

## Analogous

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



7C6533



626D37



437349

# Triad

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



626D37



007292



96536D

# Complementary

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



626D37



42376D

# 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.



845986



626D37



336C9C

# Square

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



626D37



00757D



646397



9A5453

# Rectangle

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



626D37



287559



646397



925476



# Sweetspot

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



626D37



8A8F79



6D4237



45473B



C7C7C7



474747



# Same Dimension

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



626D37



7E8F3B



476D37



343630



5D7500



C3F500



# Inverse Universe

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



42376D



4C3B8F



5D376D



313036



180075



3200F5



# Previews

## White Background



This preview shows how the Hex color 626D37 looks on a white background.

## Color Contrast Check

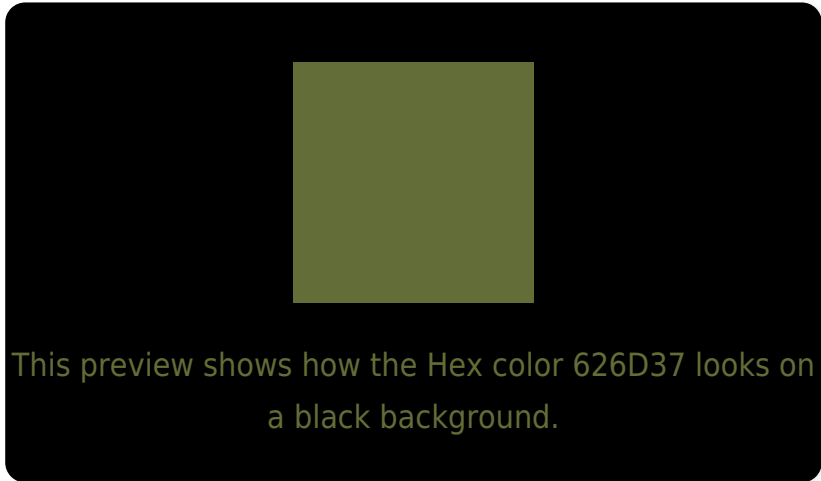
Large Text (above 18pt) WCAG AA ✓ Pass

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

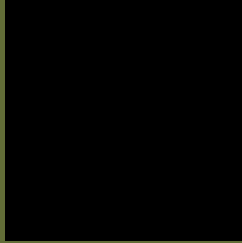
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 626D37 Background



This preview shows how black text looks on a background with the Hex color 626D37.



This preview shows how white text looks on a background with the Hex color 626D37.

# 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**  
626D37

**Protanopia**  
736835

**Deuteranopia**  
7F6339



**Tritanopia**  
69676F

# Trichromacy



**Original Color**  
626D37

**Protanomaly**  
6D6A36

**Deuteranomaly**  
746738

**Tritanomaly**  
66695B

# Monochromacy



**Original Color**  
626D37

**Achromatopsia**  
646464

**Achromatomaly**  
636754

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 626D37 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 #626D37 looks like.

```
.text, #text, p{  
    color:#626D37  
}
```

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 #626D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626D37
}
```

## Border

The CSS property to change the border of an element to Hex 626D37 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
#626D37 }
```

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

```
.border{ border-color:#626D37 }
```

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

Here you see how a box with a 4 pixel #626D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626D37; -webkit-box-shadow:4px 4px  
4px 4px #626D37; box-shadow:4px 4px 4px  
4px #626D37 }
```

# Background

The CSS property to change the background color of an element to Hex 626D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626D37 }
```

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

```
.background{ background-color:#626D37 }
```

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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