

# Converting Colors

Hex(62624D)

Have a look what the booklet for  
Hex(62624D) contains.

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# Color

**Hex(62624D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62624D
RGB	98, 98, 77
RGB Percent	38%, 38%, 30%
CMY	0.6157, 0.6157, 0.6980
CMYK	0.00, 0.00, 0.21, 0.62
HSL	60°, 12%, 34%
HSV	60°, 21%, 38%
XYZ	10.7442, 11.8679, 8.7456
YIQ	95.6060, 6.7410, -6.5310

# Conversions

## Conversions Part 2

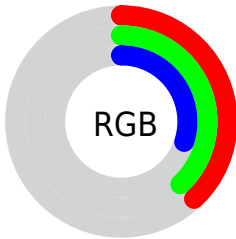
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 98, 77
Decimal	6447693
CIELab	41.01, -3.95, 11.99
CIELCh	41, 12.627, 108.247
Yxy	11.8679, 0.3426, 0.3785
Android (android.graphics.Color)	4284637773 (0xFF62624D)
YUV	95.6060, -9.1728, 2.0995
Hunter-Lab	34.4498, -4.6162, 9.0631

# Details

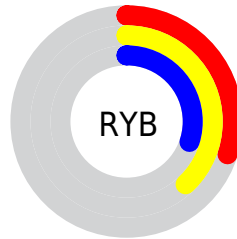
The Hex color **62624D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D4D62**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **95957E**, and **333421** is the 20% darker color. If you saturate the color by 10%, you get **626243**, and if you desaturate by 10%, it is **626257**.

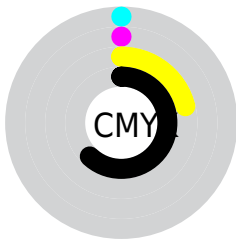
# Distribution



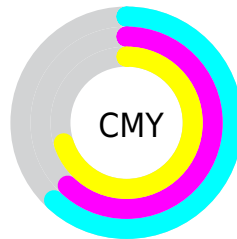
- Red (38%)
- Green (38%)
- Blue (30%)



- Red (30%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (62%)



- Cyan (62%)
- Magenta (62%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62624D 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 62624D by changing the saturation by 10% instead.





62624D



62624D

FFFFFF



4A4A36



95957E



333421



B0AF98



1E1F0A



CBCBB3



000700



E7E7CE



000000



FFFFEA



62624D



62624D



626243



626257



626239



626261

■ 626230

■ 62626A

■ 626226

■ 626274

■ 62621C

■ 62627E

■ 626212

■ 626288

■ 626208

■ 626292

■ 626200

■ 62629B

■ 6262A5

# Harmonies

## Analogous

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



6D5F4D



62624D



566553

# Triad

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



62624D



466570



735A65

# Complementary

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



62624D



4D4D62

# 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.



6A5C6F



62624D



506375

# Square

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



62624D



456767



5D5F74



765A5B

# Rectangle

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



62624D



4F6659



5D5F74



715A69



# Sweetspot

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



62624D



808078



624D4D



40403B



BFBFBF



404040



# Same Dimension

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



62624D



80805E



58624D



30302C



707000



F0F000



# Inverse Universe

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



4D4D62



5E5E80



584D62



2C2C30



000070



0000F0



# Previews

## White Background



This preview shows how the Hex color 62624D looks on a white background.

## Color Contrast Check

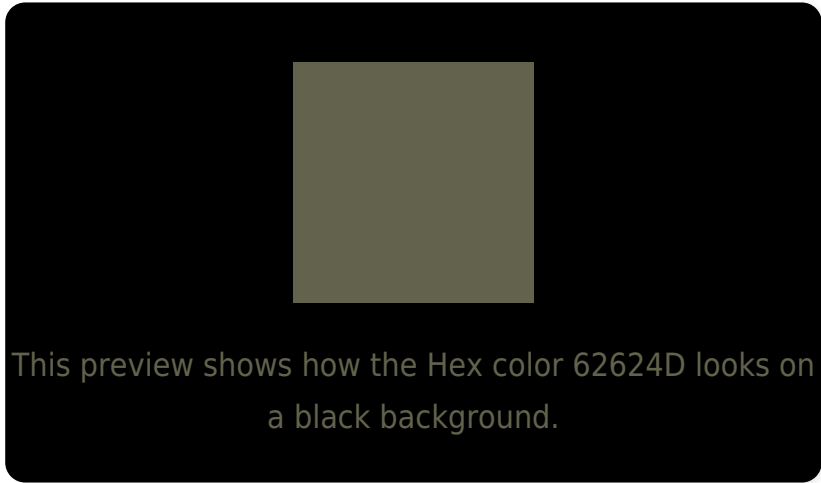
Large Text (above 18pt) WCAG AA ✓ Pass

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

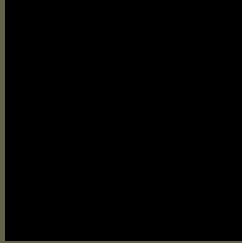
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

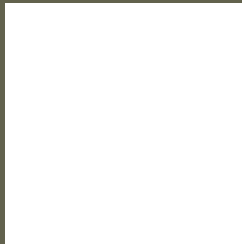
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 62624D Background



This preview shows how black text looks on a background with the Hex color 62624D.



This preview shows how white text looks on a background with the Hex color 62624D.

# 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**

62624D

**Protanopia**

67604C

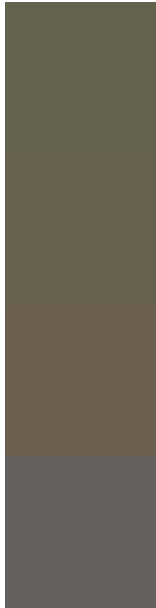
**Deuteranopia**

705D4E



**Tritanopia**  
655F66

# Trichromacy



**Original Color**  
62624D

**Protanomaly**  
65614C

**Deuteranomaly**  
6B5F4E

**Tritanomaly**  
64605D

# Monochromacy



**Original Color**  
62624D

**Achromatopsia**  
606060

**Achromatomaly**  
616159

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62624D 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 #62624D looks like.

```
.text, #text, p{  
    color:#62624D  
}
```

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 #62624D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62624D
}
```

## Border

The CSS property to change the border of an element to Hex 62624D 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".

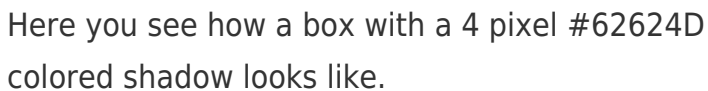
```
.border, #border, table{ border:4px solid
#62624D }
```

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

```
.border{ border-color:#62624D }
```

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

Here you see how a box with a 4 pixel #62624D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62624D; -webkit-box-shadow:4px 4px  
4px 4px #62624D; box-shadow:4px 4px 4px  
4px #62624D }
```

# Background

The CSS property to change the background color of an element to Hex 62624D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62624D }
```

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

```
.background{ background-color:#62624D }
```

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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