

# Converting Colors

Hex(66564D)

Have a look what the booklet for  
Hex(66564D) contains.

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# Color

**Hex(66564D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	66564D
RGB	102, 86, 77
RGB Percent	40%, 34%, 30%
CMY	0.6000, 0.6627, 0.6980
CMYK	0.00, 0.16, 0.25, 0.60
HSL	22°, 14%, 35%
HSV	22°, 25%, 40%
XYZ	10.1468, 10.0162, 8.4197
YIQ	89.7580, 12.4250, 0.5930

# Conversions

## Conversions Part 2

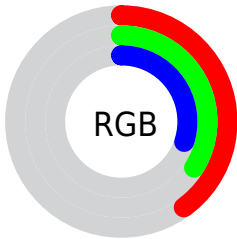
Format	Color
<a href="#">RYB</a>	<a href="#">102, 91, 77</a>
Decimal	<a href="#">6706765</a>
CIELab	<a href="#">37.87, 4.99, 7.67</a>
CIELCh	<a href="#">38, 9.153, 56.980</a>
Yxy	<a href="#">10.0162, 0.3550, 0.3504</a>
Android (android.graphics.Color)	<a href="#">4284896845 (0xFF66564D)</a>
YUV	<a href="#">89.7580, -6.2897, 10.7362</a>
Hunter-Lab	<a href="#">31.6483, 1.8446, 6.3804</a>

# Details

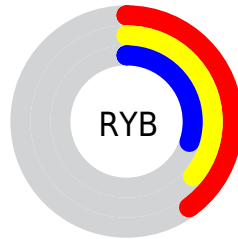
The Hex color **66564D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4D5D66**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **99887E**, and **372921** is the 20% darker color. If you saturate the color by 10%, you get **664F43**, and if you desaturate by 10%, it is **665D57**.

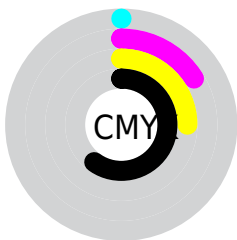
# Distribution



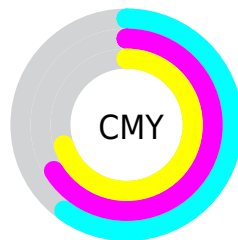
- Red (40%)
- Green (34%)
- Blue (30%)



- Red (40%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (60%)



- Cyan (60%)
- Magenta (66%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66564D 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 66564D by changing the saturation by 10% instead.





66564D



66564D

FFFFFF



4E3F36



99887E



372921



B4A298



21150A



D0BDB3



000000



ECD9CE



FFF5EA



66564D



66564D



664F43



665D57



664939



666361

■ 66422E

■ 666A6C

■ 663C24

■ 667076

■ 66351A

■ 667780

■ 662F10

■ 667D8A

■ 662806

■ 668494

■ 662500

■ 668A9F

■ 6691A9

# Harmonies

## Analogous

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



695453



66564D



60584A

# Triad

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



66564D



495D58



5A5766

# Complementary

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



66564D



4D5D66

# 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.



505A68



66564D



465D60

# Square

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



66564D



4F5D51



495C65



625561

# Rectangle

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



66564D



5B5A4B



495C65



565867



# Sweetspot

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



66564D



857F7B



664D5D



423F3D



C2C2C2



424242



# Same Dimension

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



66564D



856C5E



66624D



33302E



732900



F25700



# Inverse Universe

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



4D5D66



5E7785



4D5166



2E3133



004973



009BF2



# Previews

## White Background



This preview shows how the Hex color 66564D looks on a white background.

## Color Contrast Check

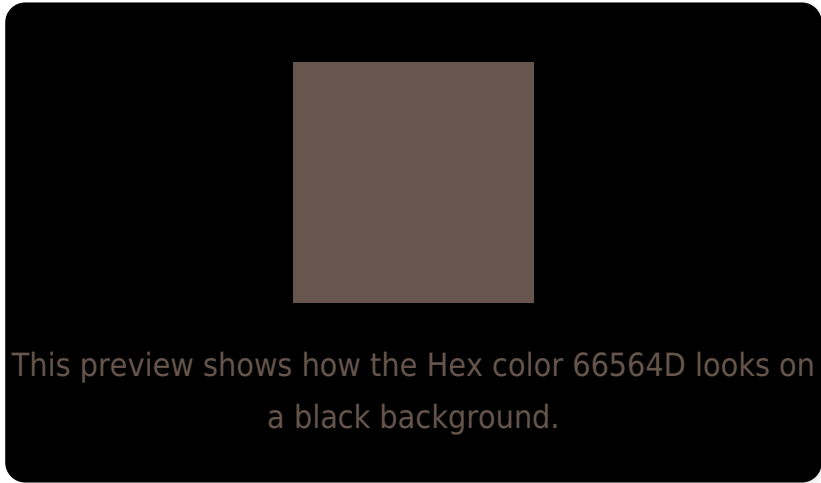
Large Text (above 18pt) WCAG AA ✓ Pass

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

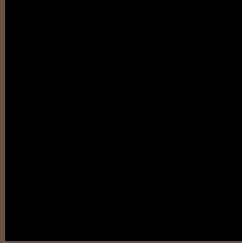
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66564D Background



This preview shows how black text looks on a background with the Hex color 66564D.



This preview shows how white text looks on a background with the Hex color 66564D.

# 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**  
66564D

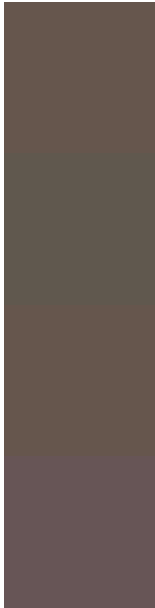
**Protanopia**  
5D594F

**Deuteranopia**  
66564D



**Tritanopia**  
68545B

# Trichromacy



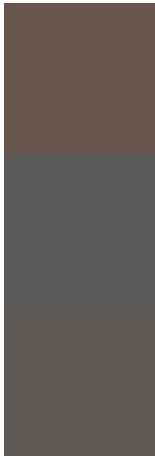
**Original Color**  
66564D

**Protanomaly**  
60584E

**Deuteranomaly**  
66564D

**Tritanomaly**  
675556

# Monochromacy



**Original Color**  
66564D

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5E5955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66564D 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 #66564D looks like.

```
.text, #text, p{  
    color:#66564D  
}
```

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 #66564D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66564D
}
```

## Border

The CSS property to change the border of an element to Hex 66564D 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
#66564D }
```

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

```
.border{ border-color:#66564D }
```

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

Here you see how a box with a 4 pixel #66564D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66564D; -webkit-box-shadow:4px 4px  
4px 4px #66564D; box-shadow:4px 4px 4px  
4px #66564D }
```

# Background

The CSS property to change the background color of an element to Hex 66564D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66564D }
```

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

```
.background{ background-color:#66564D }
```

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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