

Converting Colors

Hex(63564B)

Have a look what the booklet for
Hex(63564B) contains.

Hex(63564B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(63564B)

Conversions

Conversions Part 1

Format	Color
Hex	63564B
RGB	99, 86, 75
RGB Percent	39%, 34%, 29%
CMY	0.6118, 0.6627, 0.7059
CMYK	0.00, 0.13, 0.24, 0.61
HSL	28°, 14%, 34%
HSV	28°, 24%, 39%
XYZ	9.7434, 9.8162, 8.0378
YIQ	88.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

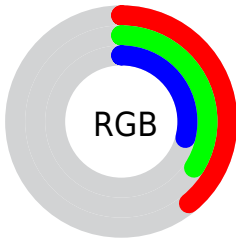
Format	Color
RYB	99, 95, 75
Decimal	6510155
CIELab	37.51, 3.36, 8.36
CIELCh	38, 9.010, 68.123
Yxy	9.8162, 0.3531, 0.3557
Android (android.graphics.Color)	4284700235 (0xFF63564B)
YUV	88.6330, -6.7211, 9.0919
Hunter-Lab	31.3309, 0.6815, 6.7210

Details

The Hex color **63564B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4B5863**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **96887C**, and **34291F** is the 20% darker color. If you saturate the color by 10%, you get **635141**, and if you desaturate by 10%, it is **635B55**.

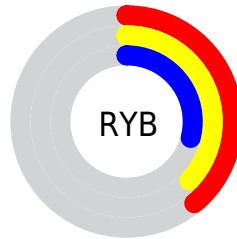
Distribution



 Red (39%)

 Green (34%)

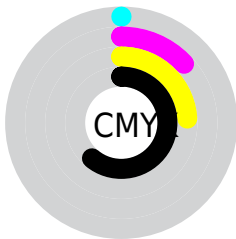
 Blue (29%)



 Red (39%)

 Yellow (37%)

 Blue (29%)

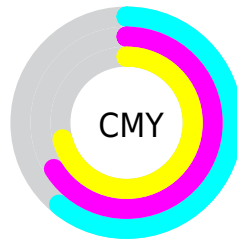


 Cyan (0%)

 Magenta (13%)

 Yellow (24%)

 Black (61%)



 Cyan (61%)

 Magenta (66%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63564B 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 63564B by changing the saturation by 10% instead.



63564B



63564B

FFFFFF



4B3F34



96887C



34291F



B1A296



1F1507



CCBDB0



000000



E9D9CC



FFF5E8



63564B



63564B



635141



635B55



634B37



63615F

■ 63462D

■ 636669

■ 634123

■ 636B73

■ 633B1A

■ 63717D

■ 633610

■ 637686

■ 633006

■ 637C90

■ 632D00

■ 63819A

■ 6386A4

Harmonies

Analogous

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



675450



63564B



5C584A

Triad

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



63564B



475D5A



5C5664

Complementary

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



63564B



4B5863

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.



535867



63564B



465C61

Square

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



63564B



4C5C53



4A5A66



64545E

Rectangle

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



63564B



575A4B



4A5A66



595765

Sweetspot

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



63564B



807B77



634B58



403D3B



BFBFBF



404040

Same Dimension

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



63564B



806B5B



63624B



302E2C



703300



F06E00

Inverse Universe

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



4B5863



5B6F80



4B4C63



2C2E30



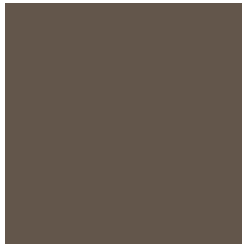
003D70



0082F0

Previews

White Background



This preview shows how the Hex color 63564B looks on a white background.

Color Contrast Check

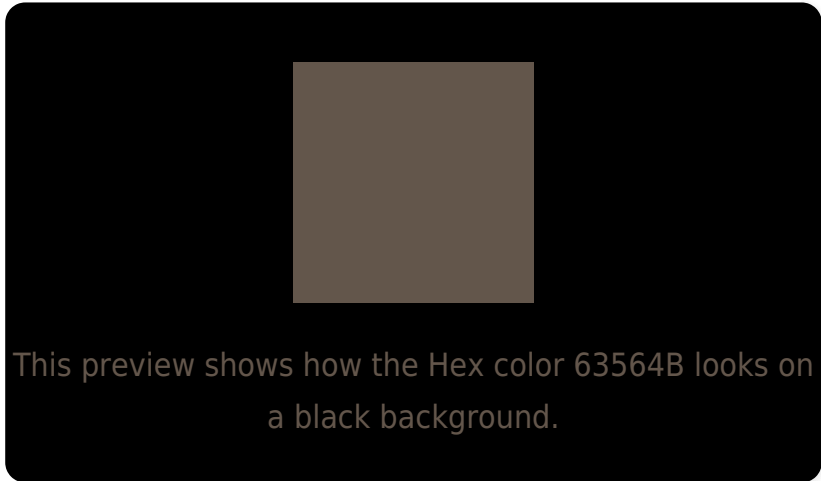
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

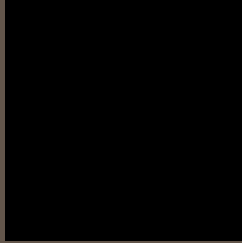
Any Text WCAG AA × Fail

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 63564B Background



This preview shows how black text looks on a background with the Hex color 63564B.



This preview shows how white text looks on a background with the Hex color 63564B.

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
63564B

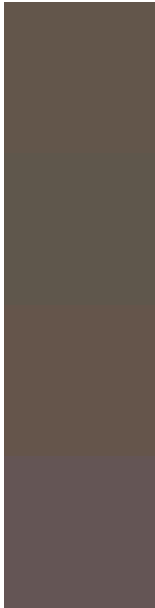
Protanopia
5D584C

Deuteranopia
66554B



Tritanopia
65545A

Trichromacy



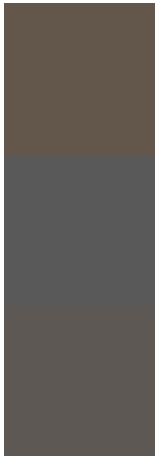
Original Color
63564B

Protanomaly
5F574C

Deuteranomaly
65554B

Tritanomaly
645555

Monochromacy



Original Color
63564B

Achromatopsia
595959

Achromatomaly
5D5854

CSS Examples

Text

The CSS property to change the color of the text to Hex 63564B 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 #63564B looks like.

```
.text, #text, p{  
    color:#63564B  
}
```

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 #63564B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63564B
}
```

Border

The CSS property to change the border of an element to Hex 63564B 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".

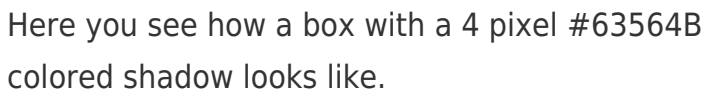
```
.border, #border, table{ border:4px solid
#63564B }
```

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

```
.border{ border-color:#63564B }
```

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

Here you see how a box with a 4 pixel #63564B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63564B; -webkit-box-shadow:4px 4px  
4px 4px #63564B; box-shadow:4px 4px 4px  
4px #63564B }
```

Background

The CSS property to change the background color of an element to Hex 63564B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63564B }
```

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

```
.background{ background-color:#63564B }
```

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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