

Converting Colors

Hex(62564E)

Have a look what the booklet for
Hex(62564E) contains.

Hex(62564E)	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(62564E)

Conversions

Conversions Part 1

Format	Color
Hex	62564E
RGB	98, 86, 78
RGB Percent	38%, 34%, 31%
CMY	0.6157, 0.6627, 0.6941
CMYK	0.00, 0.12, 0.20, 0.62
HSL	24°, 11%, 35%
HSV	24°, 20%, 38%
XYZ	9.7399, 9.8023, 8.5864
YIQ	88.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

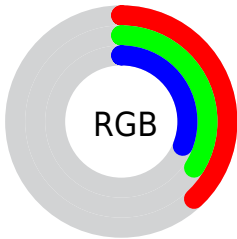
Format	Color
R_{YB}	98, 91, 78
Decimal	6444622
CIE Lab	37.49, 3.44, 6.45
CIE LCh	37, 7.310, 61.938
Yxy	9.8023, 0.3463, 0.3485
Android (android.graphics.Color)	4284634702 (0xFF62564E)
YUV	88.6760, -5.2633, 8.1771
Hunter-Lab	31.3086, 0.7402, 5.6557

Details

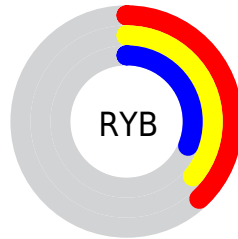
The Hex color **62564E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E5A62**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **95887F**, and **332922** is the 20% darker color. If you saturate the color by 10%, you get **625044**, and if you desaturate by 10%, it is **625C58**.

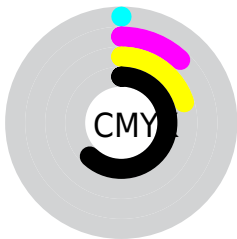
Distribution



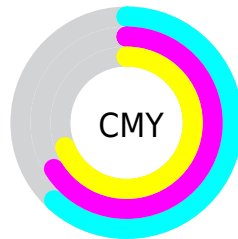
- Red (38%)
- Green (34%)
- Blue (31%)



- Red (38%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (62%)



- Cyan (62%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62564E 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 62564E by changing the saturation by 10% instead.



62564E



62564E

FFFFFF



4A3F37



95887F



332922



B0A299



1E150C



CBBDB4



000000



E7D9CF



FFF5EB



62564E



62564E



625044



625C58



624A3A



626262

■ 624431

■ 62686B

■ 623E27

■ 626E75

■ 62391D

■ 62737F

■ 623313

■ 627989

■ 622D09

■ 627F93

■ 622700

■ 62859C

■ 628BA6

Harmonies

Analogous

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



655552



62564E



5D584D

Triad

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



62564E



4B5C58



5A5762

Complementary

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



62564E



4E5A62

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.



525964



62564E



495B5E

Square

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



62564E



4F5B52



4C5A62



60555E

Rectangle

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



62564E



58594D



4C5A62



575763

Sweetspot

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



62564E



807B78



624E5A



403D3B



BFBFBF



404040

Same Dimension

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



62564E



806D61



62604E



302E2C



702D00



F06000

Inverse Universe

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



4E5A62



617380



4E5062



2C2F30



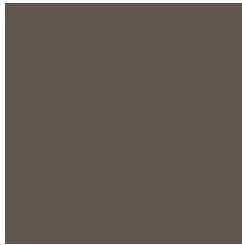
004370



0090F0

Previews

White Background



This preview shows how the Hex color 62564E looks on a white background.

Color Contrast Check

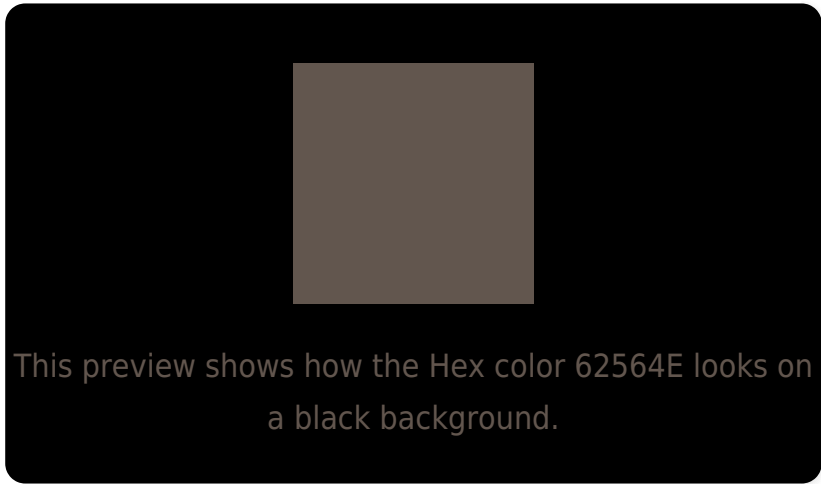
Large Text (above 18pt) WCAG AA ✓ Pass

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

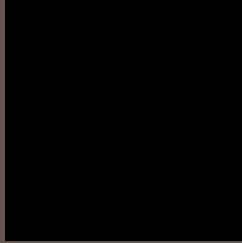
Any Text WCAG AA × Fail

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 62564E Background



This preview shows how black text looks on a background with the Hex color 62564E.



This preview shows how white text looks on a background with the Hex color 62564E.

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
62564E

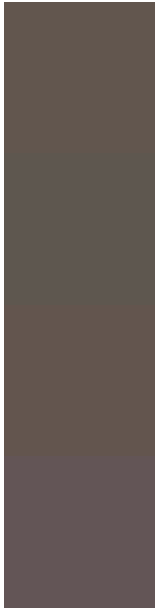
Protanopia
5C584F

Deuteranopia
64554E



Tritanopia
64545B

Trichromacy



Original Color
62564E

Protanomaly
5E574F

Deuteranomaly
63554E

Tritanomaly
635556

Monochromacy



Original Color
62564E

Achromatopsia
595959

Achromatomaly
5C5855

CSS Examples

Text

The CSS property to change the color of the text to Hex 62564E 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 #62564E looks like.

```
.text, #text, p{  
    color:#62564E  
}
```

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 #62564E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62564E
}
```

Border

The CSS property to change the border of an element to Hex 62564E is called "border". The border property can be set on classes, ids or directly on the HTML element.

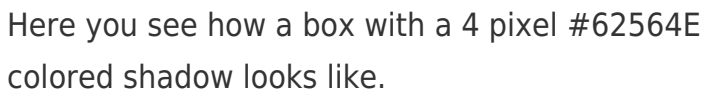
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62564E }
```

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

```
.border{ border-color:#62564E }
```

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



Here you see how a box with a 4 pixel #62564E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62564E; -webkit-box-shadow:4px 4px  
4px 4px #62564E; box-shadow:4px 4px 4px  
4px #62564E }
```

Background

The CSS property to change the background color of an element to Hex 62564E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62564E }
```

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

```
.background{ background-color:#62564E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor