

Converting Colors

Hex(63584E)

Have a look what the booklet for
Hex(63584E) contains.

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Color

Hex(63584E)

Conversions

Conversions Part 1

Format	Color
Hex	63584E
RGB	99, 88, 78
RGB Percent	39%, 35%, 31%
CMY	0.6118, 0.6549, 0.6941
CMYK	0.00, 0.11, 0.21, 0.61
HSL	29°, 12%, 35%
HSV	29°, 21%, 39%
XYZ	10.0105, 10.1822, 8.6455
YIQ	90.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

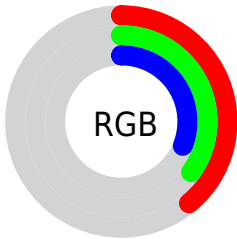
Format	Color
R_{YB}	99, 97, 78
Decimal	6510670
CIE _{Lab}	38.17, 2.64, 7.43
CIE _{LCh}	38, 7.887, 70.406
Yxy	10.1822, 0.3471, 0.3531
Android (android.graphics.Color)	4284700750 (0xFF63584E)
YUV	90.1490, -5.9895, 7.7623
Hunter-Lab	31.9095, 0.1564, 6.2728

Details

The Hex color **63584E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4E5963**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **968A7F**, and **342B22** is the 20% darker color. If you saturate the color by 10%, you get **635344**, and if you desaturate by 10%, it is **635D58**.

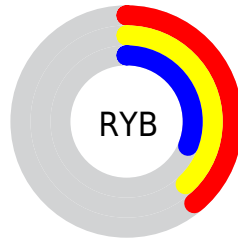
Distribution



Red (39%)

Green (35%)

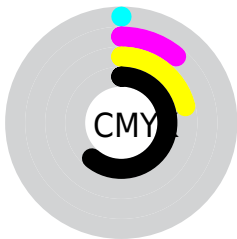
Blue (31%)



Red (39%)

Yellow (38%)

Blue (31%)

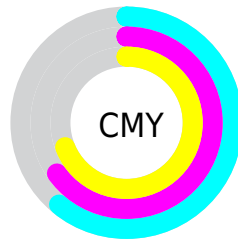


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (61%)



Cyan (61%)

Magenta (65%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63584E 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 63584E by changing the saturation by 10% instead.

■ 63584E

■ 63584E

FFFFFF

■ 4B4137

■ 968A7F

■ 342B22

■ B1A499

■ 1F160C

■ CCBFB4

■ 000000

■ E8DBCf

■ FFF8EB

■ 63584E

■ 63584E

■ 635344

■ 635D58

■ 634E3A

■ 636262

■ 634830

■ 63686C

■ 634326

■ 636D76

■ 633E1D

■ 637280

■ 633913

■ 637789

■ 633409

■ 637C93

■ 632F00

■ 63819D

■ 6387A7

Harmonies

Analogous

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



675652



63584E



5D5A4D

Triad

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



63584E



4A5E5C



5E5864

Complementary

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



63584E



4E5963

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.



565A66



63584E



4A5D62

Square

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



63584E



4F5D55



4E5C66



64565E

Rectangle

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



63584E



585B4F



4E5C66



5B5865

Sweetspot

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



63584E



807B78



634E59



403D3B



BFBFBF



404040

Same Dimension

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



63584E



806F60



63624E



302E2C



703500



F07200

Inverse Universe

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



4E5963



607080



4E4F63



2C2E30



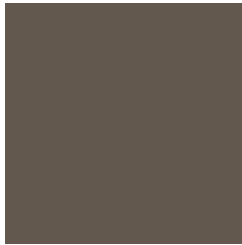
003B70



007EF0

Previews

White Background



This preview shows how the Hex color 63584E looks on a white background.

Color Contrast Check

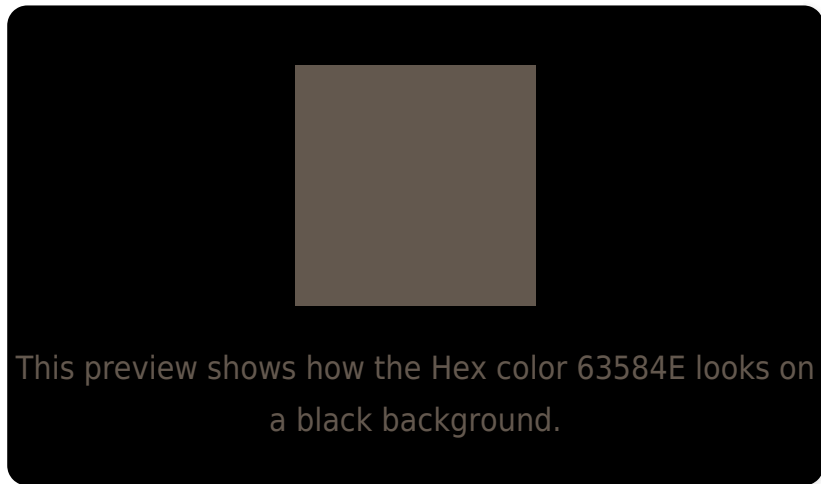
Large Text (above 18pt) WCAG AA ✓ Pass

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

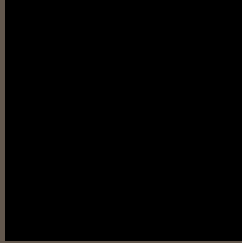
Any Text WCAG AA × Fail

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 63584E Background



This preview shows how black text looks on a background with the Hex color 63584E.



This preview shows how white text looks on a background with the Hex color 63584E.

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
63584E

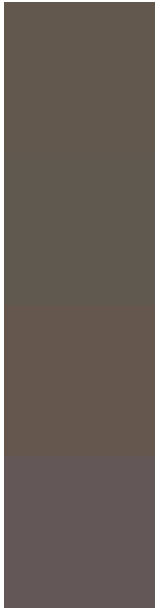
Protanopia
5E5A4F

Deuteranopia
67574E



Tritanopia
65565D

Trichromacy



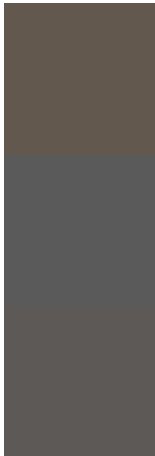
Original Color
63584E

Protanomaly
60594F

Deuteranomaly
66574E

Tritanomaly
645758

Monochromacy



Original Color
63584E

Achromatopsia
5A5A5A

Achromatomaly
5D5956

CSS Examples

Text

The CSS property to change the color of the text to Hex 63584E 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 #63584E looks like.

```
.text, #text, p{  
    color:#63584E  
}
```

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 #63584E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63584E
}
```

Border

The CSS property to change the border of an element to Hex 63584E is called "border". The border property can be set on classes, ids or directly on the HTML element.

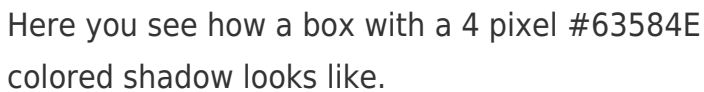
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63584E }
```

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

```
.border{ border-color:#63584E }
```

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



Here you see how a box with a 4 pixel #63584E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63584E; -webkit-box-shadow:4px 4px  
4px 4px #63584E; box-shadow:4px 4px 4px  
4px #63584E }
```

Background

The CSS property to change the background color of an element to Hex 63584E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63584E }
```

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

```
.background{ background-color:#63584E }
```

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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