

# Converting Colors

Hex(565D4E)

Have a look what the booklet for  
Hex(565D4E) contains.

<b>Hex(565D4E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(565D4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	565D4E
RGB	86, 93, 78
RGB Percent	34%, 36%, 31%
CMY	0.6627, 0.6353, 0.6941
CMYK	0.08, 0.00, 0.16, 0.64
HSL	88°, 9%, 34%
HSV	88°, 16%, 36%
XYZ	9.1272, 10.3572, 8.7258
YIQ	89.1970, 0.6430, -6.1490

# Conversions

## Conversions Part 2

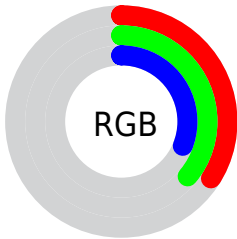
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 93, 85
Decimal	5659982
CIE Lab	38.48, -5.84, 7.70
CIE LCh	38, 9.664, 127.212
Yxy	10.3572, 0.3235, 0.3671
Android (android.graphics.Color)	4283850062 (0xFF565D4E)
YUV	89.1970, -5.5201, -2.8038
Hunter-Lab	32.1826, -5.6955, 6.4523

# Details

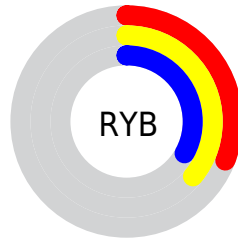
The Hex color **565D4E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **554E5D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **888F7F**, and **292F22** is the 20% darker color. If you saturate the color by 10%, you get **525D45**, and if you desaturate by 10%, it is **5A5D57**.

# Distribution



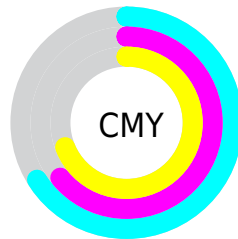
- Red (34%)
- Green (36%)
- Blue (31%)



- Red (31%)
- Yellow (36%)
- Blue (33%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (64%)



- Cyan (66%)
- Magenta (64%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 565D4E 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 565D4E by changing the saturation by 10% instead.





565D4E



565D4E

FFFFFF



3F4537



888F7F



292F22



A2AA99



151A0C



BDC5B4



000000



D9E1CF



F5FEEB



565D4E



565D4E



525D45



5A5D57



4D5D3B



5F5D61

■ 495D32

■ 635D6A

■ 455D29

■ 675D73

■ 405D20

■ 6C5D7D

■ 3C5D16

■ 705D86

■ 385D0D

■ 745D8F

■ 335D04

■ 795D98

■ 325D00

■ 7D5DA2

# Harmonies

## Analogous

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



5F5B4B



565D4E



4D5F54

# Triad

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



565D4E



4B5D69



6B5559

# Complementary

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



565D4E



554E5D

# 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.



675661



565D4E



545B6A

# Square

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



565D4E



465F64



5E5867



6B5651

# Rectangle

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



565D4E



495F5A



5E5867



6A555C



# Sweetspot

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



565D4E



757872



5D554E



3B3D3A



BDBDBD



3D3D3D



# Same Dimension

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



565D4E



6D7861



4F5D4E



2C2E29



3A6E00



7EED00



# Inverse Universe

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



554E5D



6C6178



5D4E5D



2B292E



33006E



6F00ED



# Previews

## White Background



This preview shows how the Hex color 565D4E looks on a white background.

## Color Contrast Check

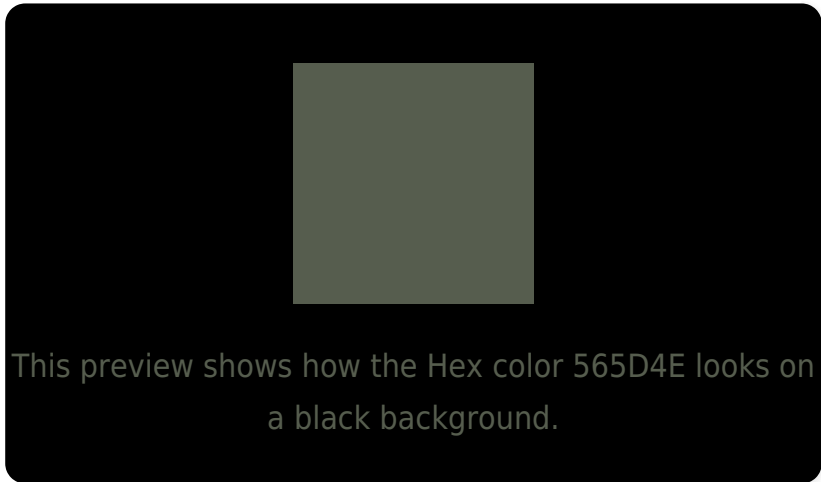
Large Text (above 18pt) WCAG AA ✓ Pass

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

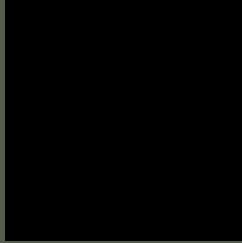
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 565D4E Background



This preview shows how black text looks on a background with the Hex color 565D4E.

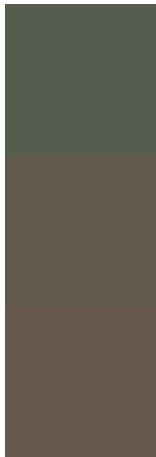


This preview shows how white text looks on a background with the Hex color 565D4E.

# 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**  
565D4E

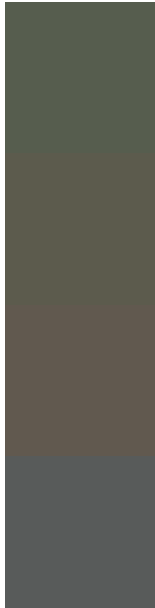
**Protanopia**  
5F5A4D

**Deuteranopia**  
67574F



**Tritanopia**  
595A61

# Trichromacy



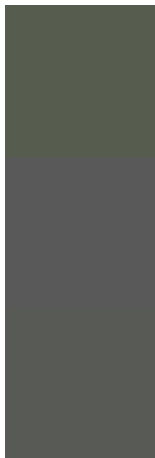
**Original Color**  
565D4E

**Protanomaly**  
5C5B4D

**Deuteranomaly**  
61594F

**Tritanomaly**  
585B5A

# Monochromacy



**Original Color**  
565D4E

**Achromatopsia**  
595959

**Achromatomaly**  
585A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 565D4E 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 #565D4E looks like.

```
.text, #text, p{  
    color:#565D4E  
}
```

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 #565D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565D4E
}
```

## Border

The CSS property to change the border of an element to Hex 565D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

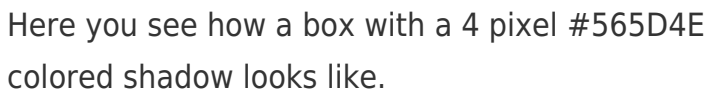
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#565D4E }
```

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

```
.border{ border-color:#565D4E }
```

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



Here you see how a box with a 4 pixel #565D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565D4E; -webkit-box-shadow:4px 4px  
4px 4px #565D4E; box-shadow:4px 4px 4px  
4px #565D4E }
```

# Background

The CSS property to change the background color of an element to Hex 565D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565D4E }
```

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

```
.background{ background-color:#565D4E }
```

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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