

Converting Colors

Hex(557E4E)

Have a look what the booklet for
Hex(557E4E) contains.

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Color

Hex(557E4E)

Conversions

Conversions Part 1

Format	Color
Hex	557E4E
RGB	85, 126, 78
RGB Percent	33%, 49%, 31%
CMY	0.6667, 0.5059, 0.6941
CMYK	0.33, 0.00, 0.38, 0.51
HSL	111°, 24%, 40%
HSV	111°, 38%, 49%
XYZ	12.5823, 17.4031, 9.9037
YIQ	108.2690, -9.0280, -23.6200

Conversions

Conversions Part 2

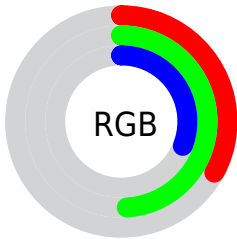
Format	Color
RYB	78, 126, 119
Decimal	5602894
CIELab	48.76, -24.33, 21.72
CIELCh	49, 32.612, 138.246
Yxy	17.4031, 0.3154, 0.4363
Android (android.graphics.Color)	4283792974 (0xFF557E4E)
YUV	108.2690, -14.9226, -20.4069
Hunter-Lab	41.7170, -19.1671, 15.1263

Details

The Hex color **557E4E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **774E7E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **88B380**, and **254D21** is the 20% darker color. If you saturate the color by 10%, you get **4A7E41**, and if you desaturate by 10%, it is **607E5B**.

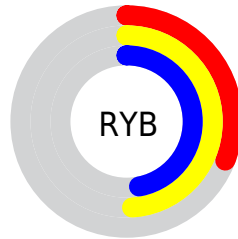
Distribution



Red (33%)

Green (49%)

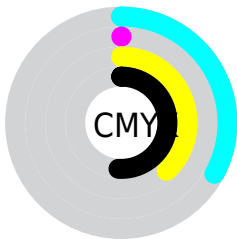
Blue (31%)



Red (31%)

Yellow (49%)

Blue (47%)

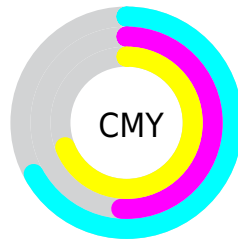


Cyan (33%)

Magenta (0%)

Yellow (38%)

Black (51%)



Cyan (67%)

Magenta (51%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557E4E 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 557E4E by changing the saturation by 10% instead.



557E4E



557E4E

FFFFFF



3D6537



88B380



254D21



A3CF9A



0C350B



BEEBB5



002100



DAFFD0



000000



F7FFED



557E4E



557E4E



4A7E41



607E5B



3F7E35



6B7E67

 357E28

 757E74

 2A7E1C

 807E80

 1F7E0F

 8B7E8D

 147E02

 967E9A

 127E00

 A07EA6

 AB7EB3

 B67EBF

Harmonies

Analogous

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



74773E



557E4E



2D8268

Triad

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



557E4E



317AA9



A95E64

Complementary

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



557E4E



774E7E

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.



A25F80



557E4E



6671A8

Square

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



557E4E



00809C



8B6699



A1654C

Rectangle

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



557E4E



00827B



8B6699



A85E6D

Sweetspot

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



557E4E



94A391



7E774E



495247



D1D1D1



525252

Same Dimension

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



557E4E



63A358



4E7E5F



3A4039



138000



000000

Inverse Universe

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



774E7E



9858A3



7E4E6D



3F3940



6D0080



000000

Previews

White Background



This preview shows how the Hex color 557E4E looks on a white background.

Color Contrast Check

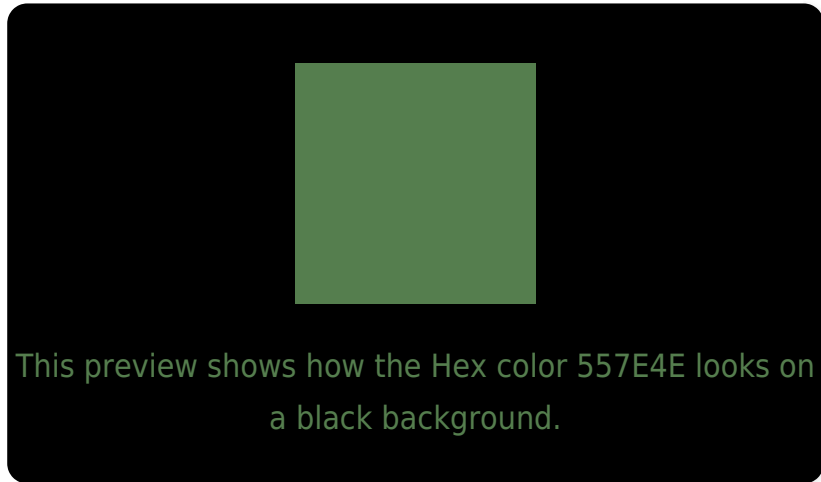
Large Text (above 18pt) WCAG AA ✓ Pass

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

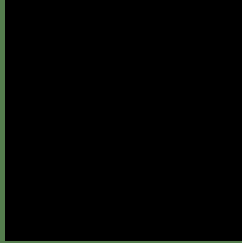
Any Text WCAG AA × Fail

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 557E4E Background



This preview shows how black text looks on a background with the Hex color 557E4E.



This preview shows how white text looks on a background with the Hex color 557E4E.

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
557E4E

Protanopia
7E734A

Deuteranopia
896E51



Tritanopia
5E7881

Trichromacy



Original Color
557E4E

Protanomaly
6F774B

Deuteranomaly
767450

Tritanomaly
5B7A6E

Monochromacy



Original Color
557E4E

Achromatopsia
6C6C6C

Achromatomaly
647361

CSS Examples

Text

The CSS property to change the color of the text to Hex 557E4E 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 #557E4E looks like.

```
.text, #text, p{  
    color:#557E4E  
}
```

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 #557E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557E4E
}
```

Border

The CSS property to change the border of an element to Hex 557E4E 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
#557E4E }
```

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

```
.border{ border-color:#557E4E }
```

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

Here you see how a box with a 4 pixel #557E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557E4E; -webkit-box-shadow:4px 4px  
4px 4px #557E4E; box-shadow:4px 4px 4px  
4px #557E4E }
```

Background

The CSS property to change the background color of an element to Hex 557E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557E4E }
```

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

```
.background{ background-color:#557E4E }
```

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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