

Converting Colors

Hex(557E52)

Have a look what the booklet for
Hex(557E52) contains.

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Color

Hex(557E52)

Conversions

Conversions Part 1

Format	Color
Hex	557E52
RGB	85, 126, 82
RGB Percent	33%, 49%, 32%
CMY	0.6667, 0.5059, 0.6784
CMYK	0.33, 0.00, 0.35, 0.51
HSL	116°, 21%, 41%
HSV	116°, 35%, 49%
XYZ	12.7302, 17.4622, 10.6822
YIQ	108.7250, -10.3120, -22.3760

Conversions

Conversions Part 2

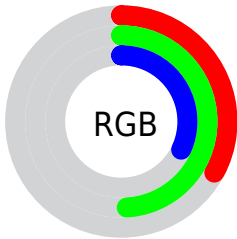
Format	Color
RYB	82, 126, 123
Decimal	5602898
CIELab	48.84, -23.65, 19.55
CIElCh	49, 30.682, 140.428
Yxy	17.4622, 0.3114, 0.4272
Android (android.graphics.Color)	4283792978 (0xFF557E52)
YUV	108.7250, -13.1754, -20.8068
Hunter-Lab	41.7878, -18.7507, 14.0951

Details

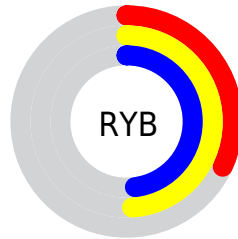
The Hex color **557E52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B527E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **88B384**, and **254D24** is the 20% darker color. If you saturate the color by 10%, you get **497E45**, and if you desaturate by 10%, it is **617E5F**.

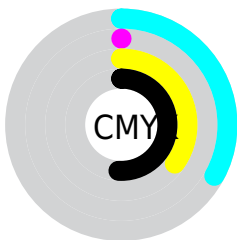
Distribution



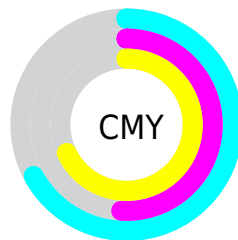
- Red (33%)
- Green (49%)
- Blue (32%)



- Red (32%)
- Yellow (49%)
- Blue (48%)



- Cyan (33%)
- Magenta (0%)
- Yellow (35%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557E52 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 557E52 by changing the saturation by 10% instead.

 557E52

 557E52

FFFFFF

 3D653B

 88B384

 254D24

 A3CF9E

 0C360F

 BEEBB9

 002100

 DAFFD5

 000000

 F7FFF1

 557E52

 557E52

 497E45

 617E5F

 3E7E39

 6C7E6B

■ 327E2C

■ 787E78

■ 267E20

■ 847E84

■ 1A7E13

■ 907E91

■ 0F7E06

■ 9B7E9E

■ 097E00

■ A77EAA

■ B37EB7

■ BF7EC3

Harmonies

Analogous

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



737842



557E52



31816B

Triad

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



557E52



3D79A7



A66063

Complementary

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



557E52



7B527E

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.



A1607D



557E52



6A70A5

Square

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



557E52



007F9B



8C6795



9E674D

Rectangle

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



557E52



0C827D



8C6795



A65F6C

Sweetspot

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



557E52



94A393



7E7A52



485248



D1D1D1



525252

Same Dimension

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



557E52



63A35F



527E64



3A4039



098000



000000

Inverse Universe

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



7B527E



9F5FA3



7E526C



3F3940



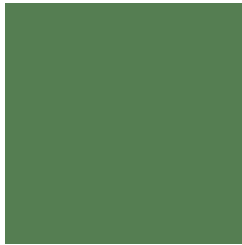
770080



000000

Previews

White Background



This preview shows how the Hex color 557E52 looks on a white background.

Color Contrast Check

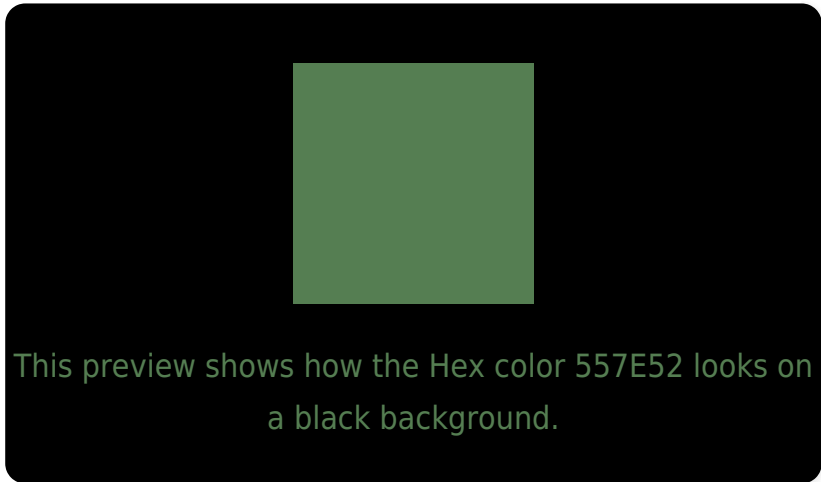
Large Text (above 18pt) WCAG AA ✓ Pass

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

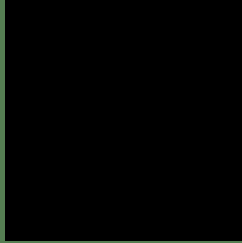
Any Text WCAG AA × Fail

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 557E52 Background



This preview shows how black text looks on a background with the Hex color 557E52.



This preview shows how white text looks on a background with the Hex color 557E52.

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
557E52

Protanopia
7D744E

Deuteranopia
896F55



Tritanopia
5E7882

Trichromacy



Original Color
557E52

Protanomaly
6E784F

Deuteranomaly
767454

Tritanomaly
5B7A71

Monochromacy



Original Color
557E52

Achromatopsia
6D6D6D

Achromatomaly
647363

CSS Examples

Text

The CSS property to change the color of the text to Hex 557E52 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 #557E52 looks like.

```
.text, #text, p{  
    color:#557E52  
}
```

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 #557E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557E52
}
```

Border

The CSS property to change the border of an element to Hex 557E52 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
#557E52 }
```

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

```
.border{ border-color:#557E52 }
```

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

Here you see how a box with a 4 pixel #557E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557E52; -webkit-box-shadow:4px 4px  
4px 4px #557E52; box-shadow:4px 4px 4px  
4px #557E52 }
```

Background

The CSS property to change the background color of an element to Hex 557E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557E52 }
```

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

```
.background{ background-color:#557E52 }
```

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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