

Converting Colors

Hex(558E62)

Have a look what the booklet for
Hex(558E62) contains.

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Color

Hex(558E62)

Conversions

Conversions Part 1

Format	Color
Hex	558E62
RGB	85, 142, 98
RGB Percent	33%, 56%, 38%
CMY	0.6667, 0.4431, 0.6157
CMYK	0.40, 0.00, 0.31, 0.44
HSL	134°, 25%, 45%
HSV	134°, 40%, 56%
XYZ	15.6239, 22.1591, 15.0089
YIQ	119.9410, -19.8480, -25.7680

Conversions

Conversions Part 2

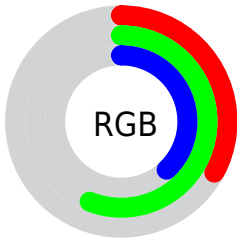
Format	Color
RYB	85, 131, 142
Decimal	5607010
CIELab	54.20, -28.67, 17.71
CIELCh	54, 33.700, 148.292
Yxy	22.1591, 0.2960, 0.4197
Android (android.graphics.Color)	4283797090 (0xFF558E62)
YUV	119.9410, -10.8169, -30.6433
Hunter-Lab	47.0735, -23.1336, 14.0474

Details

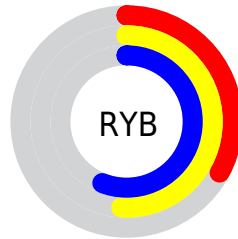
The Hex color **558E62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5581**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **89C495**, and **225B33** is the 20% darker color. If you saturate the color by 10%, you get **478E57**, and if you desaturate by 10%, it is **638E6D**.

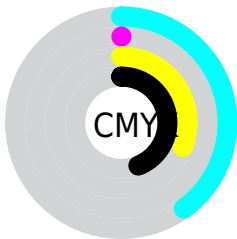
Distribution



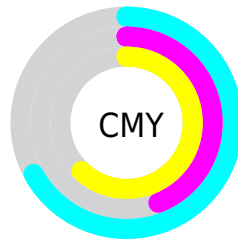
- Red (33%)
- Green (56%)
- Blue (38%)



- Red (33%)
- Yellow (51%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558E62 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 558E62 by changing the saturation by 10% instead.

 558E62

 558E62

FFFFFF

 3C744A

 89C495

 225B33

 A4E0B0

 04431D

 C0FDCB

 002C06

 DCFFE7

 001700

 F9FFFF

 000000

 558E62

 558E62

 478E57

 638E6D

 398E4C

 718E78

 2A8E41

 808E83

 1C8E36

 8E8E8E

 0E8E2B

 9C8E99

 008E20

 AA8EA4

 B88EAF

 C78EBA

 D58EC5

Harmonies

Analogous

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



78884D



558E62



28917F

Triad

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



558E62



5285BB



B96D68

Complementary

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



558E62



8E5581

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.



B76B84



558E62



827BB5

Square

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



558E62



048DB2



A470A1



AD7551

Rectangle

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



558E62



009193



A470A1



BA6B71

Sweetspot

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



558E62



A2B8A7



828E55



4F5C52



DBDBDB



5C5C5C

Same Dimension

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



558E62



5FB874



558E7E



404742



00871F



000802

Inverse Universe

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



8E5581



B85FA4



8E5565



474046



870068



080006

Previews

White Background



This preview shows how the Hex color 558E62 looks on a white background.

Color Contrast Check

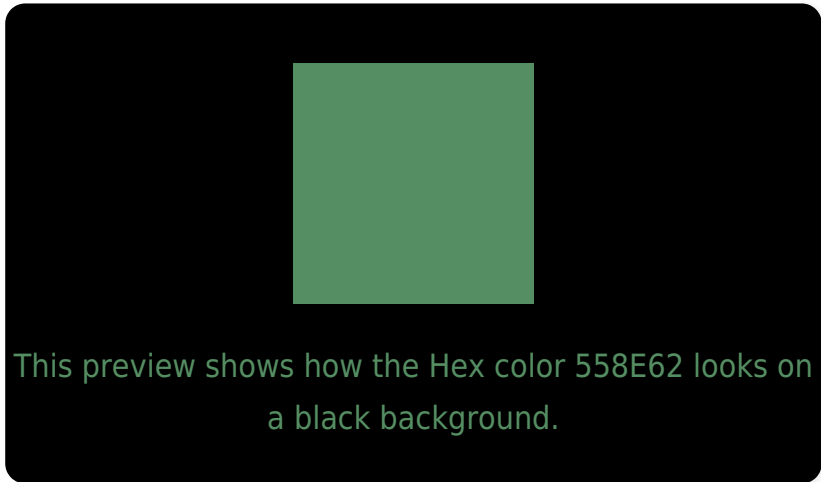
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

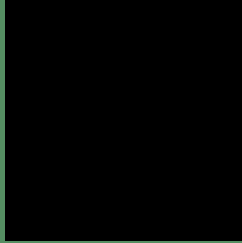
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 558E62 Background



This preview shows how black text looks on a background with the Hex color 558E62.



This preview shows how white text looks on a background with the Hex color 558E62.

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





Tritanopia
5F8893

Trichromacy



Original Color
558E62

Protanomaly
77865E

Deuteranomaly
7F8365

Tritanomaly
5B8A81

Monochromacy



Original Color
558E62

Achromatopsia
787878

Achromatomaly
6B8070

CSS Examples

Text

The CSS property to change the color of the text to Hex 558E62 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 #558E62 looks like.

```
.text, #text, p{  
    color:#558E62  
}
```

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 #558E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558E62  
}
```

Border

The CSS property to change the border of an element to Hex 558E62 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  
#558E62 }
```

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

```
.border{ border-color:#558E62 }
```

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

Here you see how a box with a 4 pixel #558E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558E62; -webkit-box-shadow:4px 4px  
4px 4px #558E62; box-shadow:4px 4px 4px  
4px #558E62 }
```

Background

The CSS property to change the background color of an element to Hex 558E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558E62 }
```

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

```
.background{ background-color:#558E62 }
```

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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