

Converting Colors

Hex(558444)

Have a look what the booklet for
Hex(558444) contains.

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Color

Hex(558444)

Conversions

Conversions Part 1

Format	Color
Hex	558444
RGB	85, 132, 68
RGB Percent	33%, 52%, 27%
CMY	0.6667, 0.4824, 0.7333
CMYK	0.36, 0.00, 0.48, 0.48
HSL	104°, 32%, 39%
HSV	104°, 48%, 52%
XYZ	13.0410, 18.8512, 8.4202
YIQ	110.6510, -7.4680, -29.8680

Conversions

Conversions Part 2

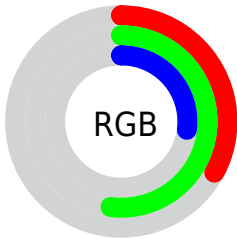
Format	Color
RYB	68, 132, 115
Decimal	5604420
CIELab	50.51, -28.81, 29.47
CIELCh	51, 41.209, 134.350
Yxy	18.8512, 0.3235, 0.4676
Android (android.graphics.Color)	4283794500 (0xFF558444)
YUV	110.6510, -21.0269, -22.4959
Hunter-Lab	43.4179, -22.3673, 18.8943

Details

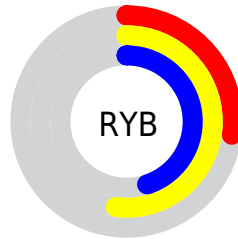
The Hex color **558444** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **734484**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **89B975**, and **235216** is the 20% darker color. If you saturate the color by 10%, you get **4B8437**, and if you desaturate by 10%, it is **5F8451**.

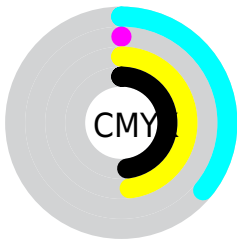
Distribution



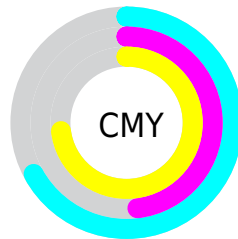
- Red (33%)
- Green (52%)
- Blue (27%)



- Red (27%)
- Yellow (52%)
- Blue (45%)



- Cyan (36%)
- Magenta (0%)
- Yellow (48%)
- Black (48%)



- Cyan (67%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558444 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 558444 by changing the saturation by 10% instead.



558444



558444

FFFFFF



3C6B2D



89B975



235216



A4D58F



083A00



C0F2AA



002500



DCFFC6



000400



F9FFE2



000000



558444



558444



4B8437



5F8451



42842A



68845E

 38841C

 72846C

 2E840F

 7C8479

 258402

 858486

 238400

 8F8493

 9984A0

 A384AE

 AC84BB

Harmonies

Analogous

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



7C7C31



558444



128964

Triad

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



558444



0081BB



BA5A69

Complementary

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



558444



734484

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.



B05D8C



558444



5B76BC

Square

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



558444



0088A8



9068AB



B26349

Rectangle

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



558444



008A7C



9068AB



B95A74

Sweetspot

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



558444



98AB91



847344



4B5747



D6D6D6



575757

Same Dimension

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



558444



62AB48



448453



3D423C



238200



010300

Inverse Universe

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



734484



9148AB



844475



413C42



600082



020003

Previews

White Background



This preview shows how the Hex color 558444 looks on a white background.

Color Contrast Check

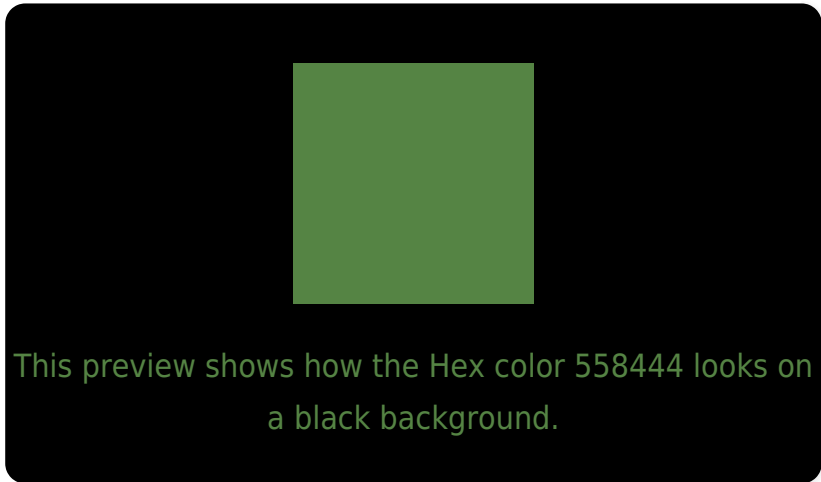
Large Text (above 18pt) WCAG AA ✓ Pass

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 558444 Background



This preview shows how black text looks on a background with the Hex color 558444.



This preview shows how white text looks on a background with the Hex color 558444.

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
558444

Protanopia
847840

Deuteranopia
917248



Tritanopia
607D87

Trichromacy



Original Color
558444

Protanomaly
737C41

Deuteranomaly
7B7947

Tritanomaly
5C806F

Monochromacy



Original Color
558444

Achromatopsia
6F6F6F

Achromatomaly
66775F

CSS Examples

Text

The CSS property to change the color of the text to Hex 558444 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 #558444 looks like.

```
.text, #text, p{  
    color:#558444  
}
```

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 #558444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558444
}
```

Border

The CSS property to change the border of an element to Hex 558444 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
#558444 }
```

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

```
.border{ border-color:#558444 }
```

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

Here you see how a box with a 4 pixel #558444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558444; -webkit-box-shadow:4px 4px  
4px 4px #558444; box-shadow:4px 4px 4px  
4px #558444 }
```

Background

The CSS property to change the background color of an element to Hex 558444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558444 }
```

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

```
.background{ background-color:#558444 }
```

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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