

Converting Colors

Hex(508B52)

Have a look what the booklet for
Hex(508B52) contains.

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Color

Hex(508B52)

Conversions

Conversions Part 1

Format	Color
Hex	508B52
RGB	80, 139, 82
RGB Percent	31%, 55%, 32%
CMY	0.6863, 0.4549, 0.6784
CMYK	0.42, 0.00, 0.41, 0.45
HSL	122°, 27%, 43%
HSV	122°, 42%, 55%
XYZ	14.0639, 20.7799, 11.2523
YIQ	114.8610, -16.8670, -30.2350

Conversions

Conversions Part 2

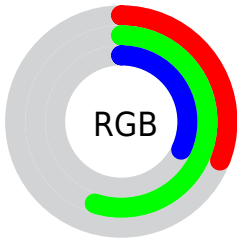
Format	Color
R_{YB}	80, 137, 139
Decimal	5278546
CIE _{Lab}	52.71, -31.69, 24.61
CIE _{LCh}	53, 40.125, 142.176
Yxy	20.7799, 0.3051, 0.4508
Android (android.graphics.Color)	4283468626 (0xFF508B52)
YUV	114.8610, -16.2005, -30.5731
Hunter-Lab	45.5850, -24.7029, 17.2742

Details

The Hex color **508B52** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8B5089**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **84C184**, and **1C5824** is the 20% darker color. If you saturate the color by 10%, you get **428B45**, and if you desaturate by 10%, it is **5E8B5F**.

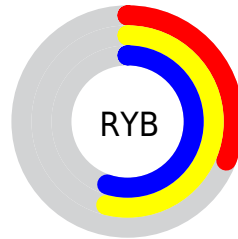
Distribution



Red (31%)

Green (55%)

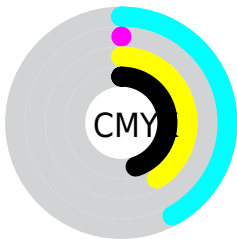
Blue (32%)



Red (31%)

Yellow (54%)

Blue (55%)

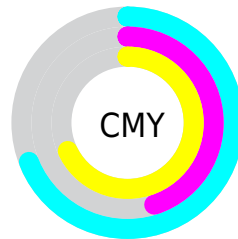


Cyan (42%)

Magenta (0%)

Yellow (41%)

Black (45%)



Cyan (69%)

Magenta (45%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508B52 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 508B52 by changing the saturation by 10% instead.



508B52



508B52

FFFFFF



36713A



84C184



1C5824



9FDD9E



00400E



BBFABA



002A00



D7FFD5



001100



F4FFF2



000000



508B52



508B52



428B45



5E8B5F



348B37



6C8B6D

 268B2A

 7A8B7A

 188B1C

 888B88

 0B8B0F

 958B95

 008B05

 A38BA3

 B18BB0

 BF8BBD

 CD8BCB

Harmonies

Analogous

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



79843B



508B52



008F73

Triad

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



508B52



2384C2



BF6266

Complementary

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



508B52



8B5089

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.



B96288



508B52



7278BE

Square

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



508B52



008CB3



A06BA8



B36C48

Rectangle

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



508B52



008F8B



A06BA8



BF6171

Sweetspot

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



508B52



9EB59E



898B50



4D5C4E



DBDBDB



5C5C5C

Same Dimension

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



508B52



59B55C



508B6F



3E453E



008504



000500

Inverse Universe

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



8B5089



B559B2



8B506C



453E45



850080



050005

Previews

White Background



This preview shows how the Hex color 508B52 looks on a white background.

Color Contrast Check

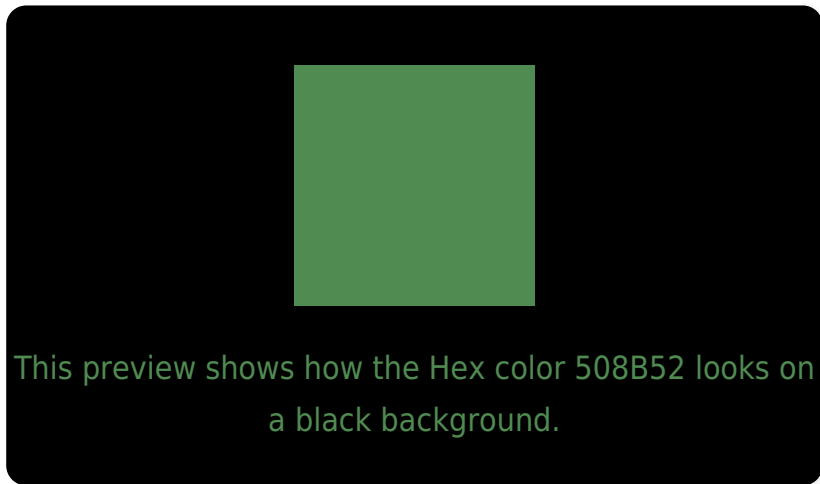
Large Text (above 18pt) WCAG AA ✓ Pass

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 508B52 Background



This preview shows how black text looks on a background with the Hex color 508B52.

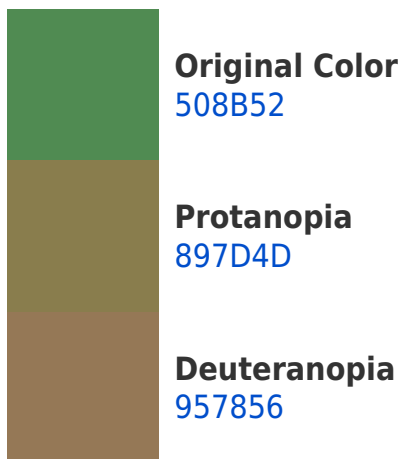


This preview shows how white text looks on a background with the Hex color 508B52.

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
5C848E

Trichromacy



Original Color
508B52

Protanomaly
74824F

Deuteranomaly
7C7F55

Tritanomaly
588778

Monochromacy



Original Color
508B52

Achromatopsia
737373

Achromatomaly
667C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 508B52 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 #508B52 looks like.

```
.text, #text, p{  
    color:#508B52  
}
```

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 #508B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508B52
}
```

Border

The CSS property to change the border of an element to Hex 508B52 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
#508B52 }
```

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

```
.border{ border-color:#508B52 }
```

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

Here you see how a box with a 4 pixel #508B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508B52; -webkit-box-shadow:4px 4px  
4px 4px #508B52; box-shadow:4px 4px 4px  
4px #508B52 }
```

Background

The CSS property to change the background color of an element to Hex 508B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508B52 }
```

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

```
.background{ background-color:#508B52 }
```

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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