

Converting Colors

Hex(508046)

Have a look what the booklet for
Hex(508046) contains.

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Color

Hex(508046)

Conversions

Conversions Part 1

Format	Color
Hex	508046
RGB	80, 128, 70
RGB Percent	31%, 50%, 27%
CMY	0.6863, 0.4980, 0.7255
CMYK	0.38, 0.00, 0.45, 0.50
HSL	110°, 29%, 39%
HSV	110°, 45%, 50%
XYZ	12.1329, 17.5860, 8.5493
YIQ	107.0360, -9.9900, -28.2140

Conversions

Conversions Part 2

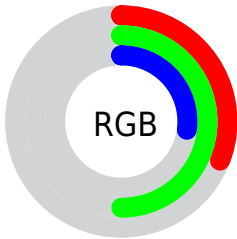
Format	Color
RYB	70, 128, 118
Decimal	5275718
CIELab	48.99, -28.37, 26.41
CIElCh	49, 38.763, 137.054
Yxy	17.5860, 0.3170, 0.4595
Android (android.graphics.Color)	4283465798 (0xFF508046)
YUV	107.0360, -18.2587, -23.7106
Hunter-Lab	41.9357, -21.7434, 17.2677

Details

The Hex color **508046** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **764680**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **84B577**, and **1E4E18** is the 20% darker color. If you saturate the color by 10%, you get **458039**, and if you desaturate by 10%, it is **5B8053**.

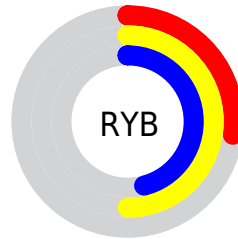
Distribution



Red (31%)

Green (50%)

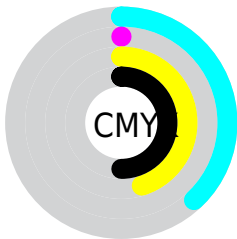
Blue (27%)



Red (27%)

Yellow (50%)

Blue (46%)

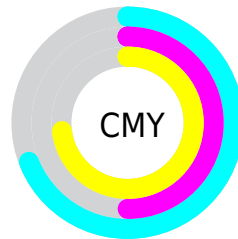


Cyan (38%)

Magenta (0%)

Yellow (45%)

Black (50%)



Cyan (69%)

Magenta (50%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508046 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 508046 by changing the saturation by 10% instead.

 508046

 508046

FFFFFF

 37672F

 84B577

 1E4E18

 9ED191

 033700

 BAEDAC

 002200

 D6FFC8

 000000

 F3FFE4

 508046

 508046

 458039

 5B8053

 3B802C

 658060

 308020

 70806C

 268013

 7A8079

 1B8006

 858086

 168000

 908093

 9A80A0

 A580AC

 AF80B9

Harmonies

Analogous

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



757833



508046



118465

Triad

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



508046



007CB4



B25963

Complementary

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



508046



764680

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.



AA5A84



508046



5F71B3

Square

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



508046



0083A4



8F64A1



AA6246

Rectangle

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



508046



00857B



8F64A1



B2586E

Sweetspot

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



508046



93A68F



807546



485446



D4D4D4



545454

Same Dimension

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



508046



5CA64C



468058



3A4039



168000



000000

Inverse Universe

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



764680



964CA6



80466E



3F3940



6A0080



000000

Previews

White Background



This preview shows how the Hex color 508046 looks on a white background.

Color Contrast Check

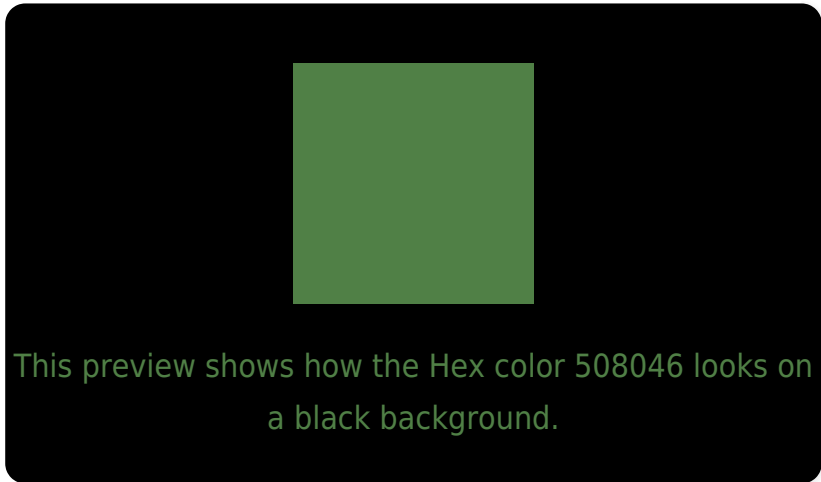
Large Text (above 18pt) WCAG AA ✓ Pass

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

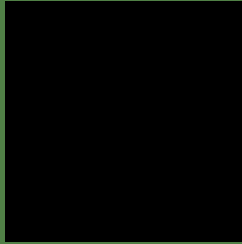
Any Text WCAG AA ✓ Pass

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 508046 Background



This preview shows how black text looks on a background with the Hex color 508046.



This preview shows how white text looks on a background with the Hex color 508046.

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
508046

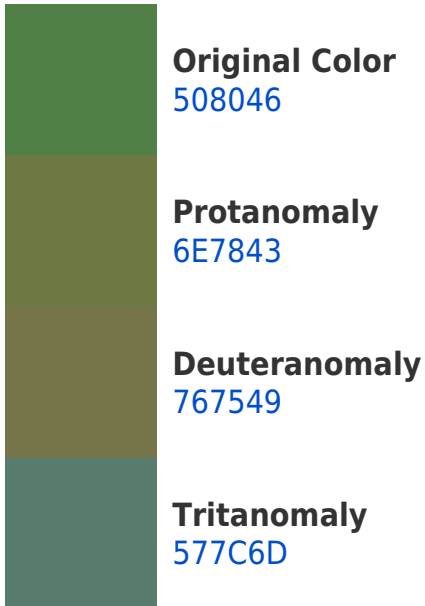
Protanopia
7F7442

Deuteranopia
8C6F4A

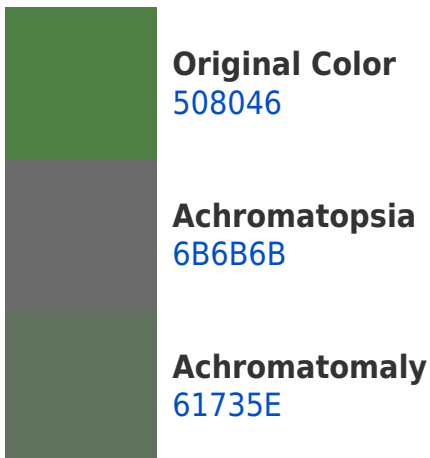


Tritanopia
5B7983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 508046 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 #508046 looks like.

```
.text, #text, p{  
    color:#508046  
}
```

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 #508046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508046
}
```

Border

The CSS property to change the border of an element to Hex 508046 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".

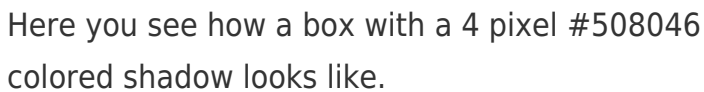
```
.border, #border, table{ border:4px solid
#508046 }
```

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

```
.border{ border-color:#508046 }
```

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

Here you see how a box with a 4 pixel #508046 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508046; -webkit-box-shadow:4px 4px  
4px 4px #508046; box-shadow:4px 4px 4px  
4px #508046 }
```

Background

The CSS property to change the background color of an element to Hex 508046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508046 }
```

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

```
.background{ background-color:#508046 }
```

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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