

Converting Colors

Hex(509368)

Have a look what the booklet for
Hex(509368) contains.

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Color

Hex(509368)

Conversions

Conversions Part 1

Format	Color
Hex	509368
RGB	80, 147, 104
RGB Percent	31%, 58%, 41%
CMY	0.6863, 0.4235, 0.5922
CMYK	0.46, 0.00, 0.29, 0.42
HSL	141°, 30%, 45%
HSV	141°, 46%, 58%
XYZ	16.2407, 23.5724, 16.7907
YIQ	122.0650, -26.1290, -27.5770

Conversions

Conversions Part 2

Format	Color
RYB	80, 129, 147
Decimal	5280616
CIELab	55.66, -31.41, 16.30
CIELCh	56, 35.388, 152.580
Yxy	23.5724, 0.2869, 0.4164
Android (android.graphics.Color)	4283470696 (0xFF509368)
YUV	122.0650, -8.9060, -36.8910
Hunter-Lab	48.5514, -25.2559, 13.4816

Details

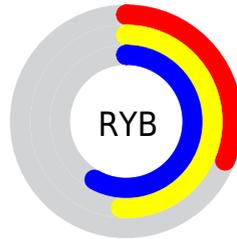
The Hex color **509368** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **93507B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **85C99B**, and **1A6039** is the 20% darker color. If you saturate the color by 10%, you get **41935F**, and if you desaturate by 10%, it is **5F9371**.

Distribution



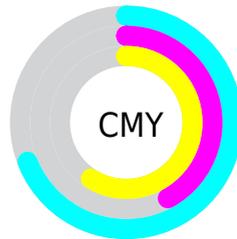
- Red (31%)
- Green (58%)
- Blue (41%)



- Red (31%)
- Yellow (51%)
- Blue (58%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509368 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 509368 by changing the saturation by 10% instead.



509368



509368

FFFFFF



367950



85C99B



1A6039



A0E6B6



004723



BCFFD2



00300E



D8FFEE



001C00



F5FFFF



000000



509368



509368



41935F



5F9371



339355



6D937B

■ 24934C

■ 7C9384

■ 159342

■ 8B938E

■ 079339

■ 999397

■ 009335

■ A893A1

■ B793AA

■ C693B3

■ D493BD

Harmonies

Analogous

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



768D50



509368



189587

Triad

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



509368



5A88C2



BE7066

Complementary

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



509368



93507B

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.



BF6D84



509368



8C7CB9

Square

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



509368



0790BB



AE72A2



B07A4F

Rectangle

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



509368



00959C



AE72A2



C06E6F

Sweetspot

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



509368



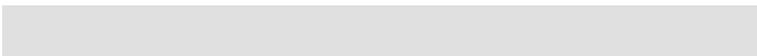
A4BFAE



7C9350



506156



E0E0E0



616161

Same Dimension

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



509368



56BF7C



509389



434A45



008A31



000A04

Inverse Universe

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



93507B



BF569A



93505A



4A4347



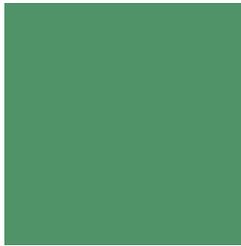
8A0058



0A0007

Previews

White Background



This preview shows how the Hex color 509368 looks on a white background.

Color Contrast Check

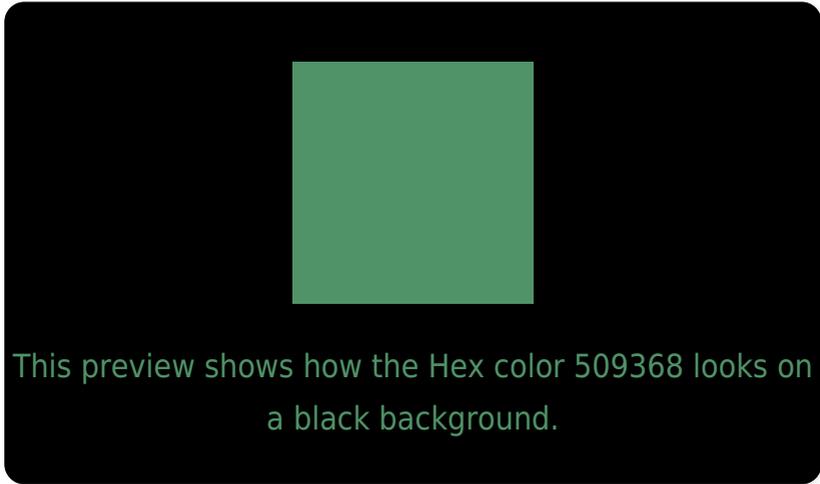
Large Text (above 18pt) WCAG AA ✓ Pass

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

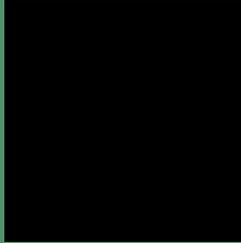
Any Text WCAG AA ✓ Pass

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 509368 Background



This preview shows how black text looks on a background with the Hex color 509368.



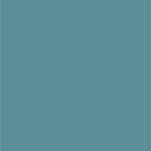
This preview shows how white text looks on a background with the Hex color 509368.

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
5B8D98

Trichromacy



Original Color
509368

Protanomaly
778964

Deuteranomaly
7F866B

Tritanomaly
578F87

Monochromacy



Original Color
509368

Achromatopsia
7A7A7A

Achromatomaly
6B8373

CSS Examples

Text

The CSS property to change the color of the text to Hex 509368 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 #509368 looks like.

```
.text, #text, p{  
    color:#509368  
}
```

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 #509368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509368
}
```

Border

The CSS property to change the border of an element to Hex 509368 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
#509368 }
```

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

```
.border{ border-color:#509368 }
```

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

Here you see how a box with a 4 pixel #509368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509368; -webkit-box-shadow:4px 4px  
4px 4px #509368; box-shadow:4px 4px 4px  
4px #509368 }
```

Background

The CSS property to change the background color of an element to Hex 509368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509368 }
```

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

```
.background{ background-color:#509368 }
```

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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