

Converting Colors

Hex(058964)

Have a look what the booklet for
Hex(058964) contains.

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Color

Hex(058964)

Conversions

Conversions Part 1

Format	Color
Hex	058964
RGB	5, 137, 100
RGB Percent	2%, 54%, 39%
CMY	0.9804, 0.4627, 0.6078
CMYK	0.96, 0.00, 0.27, 0.46
HSL	163°, 93%, 28%
HSV	163°, 96%, 54%
XYZ	11.3085, 18.8437, 15.0978
YIQ	93.3140, -66.7950, -39.4910

Conversions

Conversions Part 2

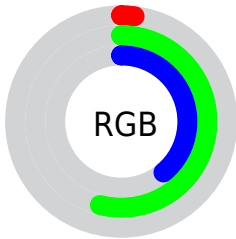
Format	Color
RYB	5, 82, 137
Decimal	362852
CIELab	50.50, -40.74, 11.14
CIELCh	51, 42.232, 164.700
Yxy	18.8437, 0.2499, 0.4164
Android (android.graphics.Color)	4278552932 (0xFF058964)
YUV	93.3140, 3.2962, -77.4514
Hunter-Lab	43.4093, -29.4655, 9.7654

Details

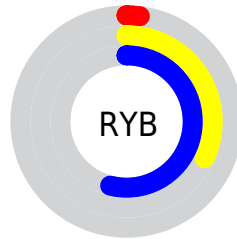
The Hex color **058964** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **89052A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **53BF97**, and **005635** is the 20% darker color. If you saturate the color by 10%, you get **008963**, and if you desaturate by 10%, it is **138968**.

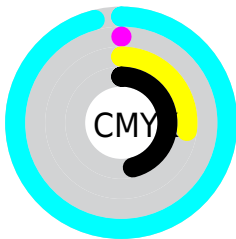
Distribution



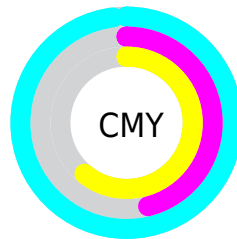
- Red (2%)
- Green (54%)
- Blue (39%)



- Red (2%)
- Yellow (32%)
- Blue (54%)



- Cyan (96%)
- Magenta (0%)
- Yellow (27%)
- Black (46%)



- Cyan (98%)
- Magenta (46%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 058964 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 058964 by changing the saturation by 10% instead.

 058964

 058964

FFFFFF

 006F4C

 53BF97

 005635

 70DBB2

 003E20

 8DF8CD

 002809

 AAFFE9

 000300

 C7FFFF

 000000

 E4FFFF

 058964

 058964

 008963

 138968

 20896C

 2E8970

 3C8973

 4A8977

 57897B

 65897F

 738983

 808987

Harmonies

Analogous

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



538443



058964



008A89

Triad

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



058964



5A76BE



B36247

Complementary

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



058964



89052A

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.



BB5968



058964



9168AC

Square

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



058964



0081BD



B15C8C



9C7031

Rectangle

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



058964



0089A0



B15C8C



B85E51

Sweetspot

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



058964



7FB3A4



2A8905



3A5950



D9D9D9



595959

Same Dimension

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



058964



00B380



056C89



3E4543



00855F



000504

Inverse Universe

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



89052A



B30032



892205



453E40



850025



050001

Previews

White Background



This preview shows how the Hex color 058964 looks on a white background.

Color Contrast Check

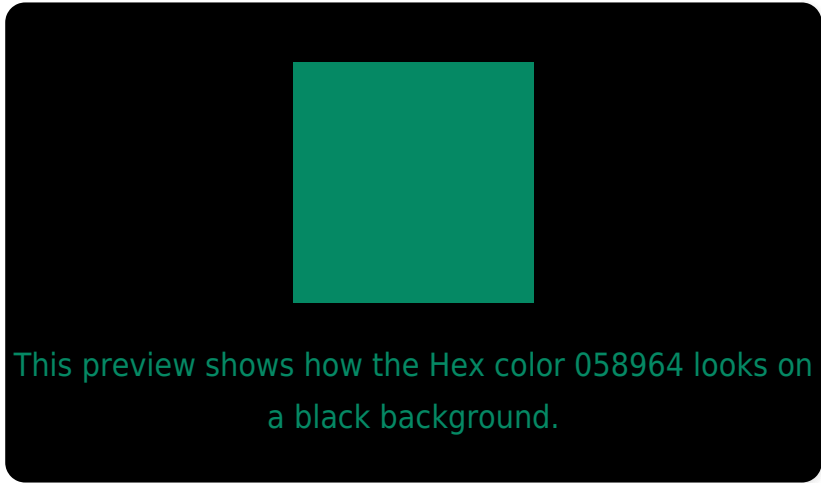
Large Text (above 18pt) WCAG AA ✓ Pass

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 058964 Background



This preview shows how black text looks on a background with the Hex color 058964.

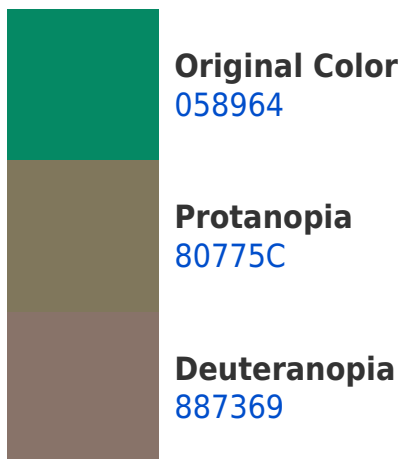


This preview shows how white text looks on a background with the Hex color 058964.

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
2D848E

Trichromacy



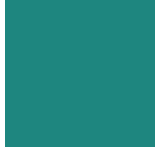
Original Color
058964



Protanomaly
537E5F



Deuteranomaly
587B67



Tritanomaly
1E867F

Monochromacy



Original Color
058964



Achromatopsia
5D5D5D



Achromatomaly
3D6D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 058964 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 #058964 looks like.

```
.text, #text, p{  
    color:#058964  
}
```

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 #058964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058964
}
```

Border

The CSS property to change the border of an element to Hex 058964 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
#058964 }
```

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

```
.border{ border-color:#058964 }
```

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

Here you see how a box with a 4 pixel #058964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058964; -webkit-box-shadow:4px 4px  
4px 4px #058964; box-shadow:4px 4px 4px  
4px #058964 }
```

Background

The CSS property to change the background color of an element to Hex 058964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058964 }
```

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

```
.background{ background-color:#058964 }
```

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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