

Converting Colors

Hex(089B56)

Have a look what the booklet for
Hex(089B56) contains.

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Color

Hex(089B56)

Conversions

Conversions Part 1

Format	Color
Hex	089B56
RGB	8, 155, 86
RGB Percent	3%, 61%, 34%
CMY	0.9686, 0.3922, 0.6627
CMYK	0.95, 0.00, 0.45, 0.39
HSL	152°, 90%, 32%
HSV	152°, 95%, 61%
XYZ	13.5012, 24.1662, 12.7571
YIQ	103.1810, -65.4630, -52.6230

Conversions

Conversions Part 2

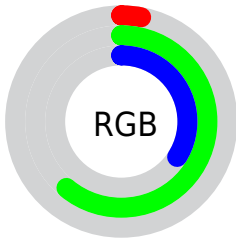
Format	Color
RYB	8, 104, 155
Decimal	564054
CIELab	56.25, -50.55, 26.71
CIElCh	56, 57.177, 152.150
Yxy	24.1662, 0.2678, 0.4793
Android (android.graphics.Color)	4278754134 (0xFF089B56)
YUV	103.1810, -8.4702, -83.4737
Hunter-Lab	49.1591, -37.0047, 19.0253

Details

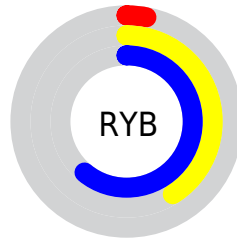
The Hex color **089B56** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9B084D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **59D389**, and **006627** is the 20% darker color. If you saturate the color by 10%, you get **009B52**, and if you desaturate by 10%, it is **179B5D**.

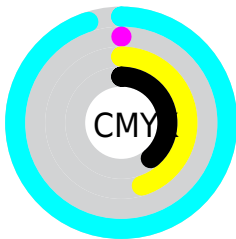
Distribution



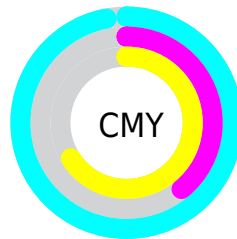
- Red (3%)
- Green (61%)
- Blue (34%)



- Red (3%)
- Yellow (41%)
- Blue (61%)



- Cyan (95%)
- Magenta (0%)
- Yellow (45%)
- Black (39%)




- Cyan (97%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 089B56 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 089B56 by changing the saturation by 10% instead.


 089B56

 089B56

FFFFFF

 00803E

 59D389

 006627

 77EFA3

 004D10

 94FFBE

 003500

 B1FFDA


 001E00

 CFFFF7

 000000

 EDFFFF

 089B56

 089B56

 009B52

 179B5D

 279B65

 369B6C

 469B73

 559B7A

 659B82

 749B89

 849B90

 939B97

Harmonies

Analogous

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



6A932B



089B56



009E89

Triad

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



089B56



008BEB



DD5F55

Complementary

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



089B56



9B084D

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.



DF5785



089B56



8C78DC

Square

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



089B56



0098DE



C662B6



C4732C

Rectangle

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



089B56



009EAB



C662B6



E05A64

Sweetspot

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



089B56



91C9AF



4F9B08



436656



E6E6E6



666666

Same Dimension

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



089B56



00C96B



08999B



454D49



008C4A



000D07

Inverse Universe

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



9B084D



C9005F



9B0A08



4D4548



8C0042



0D0006

Previews

White Background



This preview shows how the Hex color 089B56 looks on a white background.

Color Contrast Check

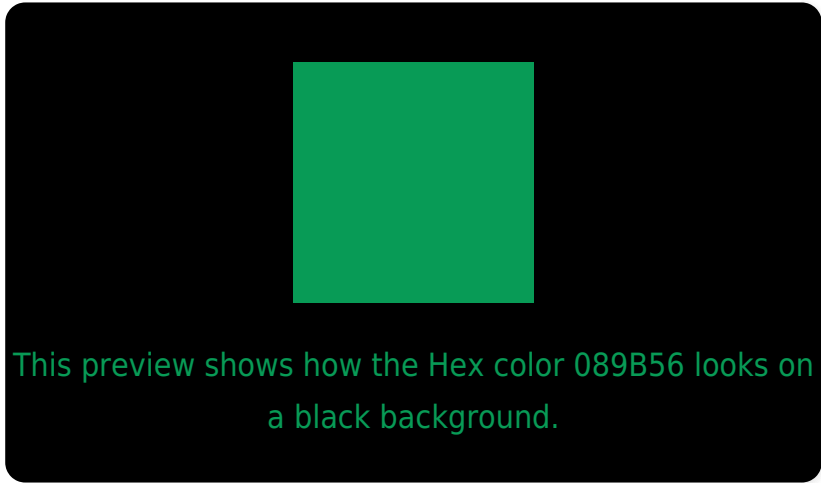
Large Text (above 18pt) WCAG AA ✓ Pass

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 089B56 Background



This preview shows how black text looks on a background with the Hex color 089B56.

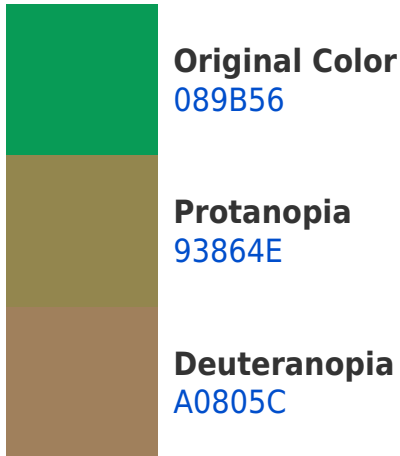


This preview shows how white text looks on a background with the Hex color 089B56.

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
3A939F

Trichromacy



Original Color
089B56



Protanomaly
608E51



Deuteranomaly
698A5A



Tritanomaly
289684

Monochromacy



Original Color
089B56



Achromatopsia
676767



Achromatomaly
447A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 089B56 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 #089B56 looks like.

```
.text, #text, p{  
    color:#089B56  
}
```

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 #089B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089B56
}
```

Border

The CSS property to change the border of an element to Hex 089B56 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
#089B56 }
```

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

```
.border{ border-color:#089B56 }
```

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

Here you see how a box with a 4 pixel #089B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089B56; -webkit-box-shadow:4px 4px  
4px 4px #089B56; box-shadow:4px 4px 4px  
4px #089B56 }
```

Background

The CSS property to change the background color of an element to Hex 089B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089B56 }
```

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

```
.background{ background-color:#089B56 }
```

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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