

Converting Colors

Hex(087569)

Have a look what the booklet for
Hex(087569) contains.

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Color

Hex(087569)

Conversions

Conversions Part 1

Format	Color
Hex	087569
RGB	8, 117, 105
RGB Percent	3%, 46%, 41%
CMY	0.9686, 0.5412, 0.5882
CMYK	0.93, 0.00, 0.10, 0.54
HSL	173°, 87%, 25%
HSV	173°, 93%, 46%
XYZ	9.0112, 13.7941, 15.5522
YIQ	83.0410, -61.1120, -26.8400

Conversions

Conversions Part 2

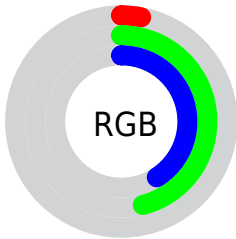
Format	Color
RYB	8, 66, 117
Decimal	554345
CIELab	43.94, -30.35, -1.21
CIELCh	44, 30.378, 182.278
Yxy	13.7941, 0.2349, 0.3596
Android (android.graphics.Color)	4278744425 (0xFF087569)
YUV	83.0410, 10.8258, -65.8110
Hunter-Lab	37.1404, -21.6871, 1.1712

Details

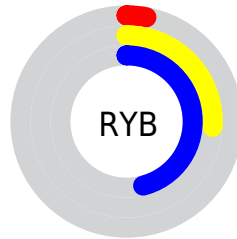
The Hex color **087569** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **750814**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **4FAA9C**, and **00443A** is the 20% darker color. If you saturate the color by 10%, you get **007568**, and if you desaturate by 10%, it is **14756A**.

Distribution



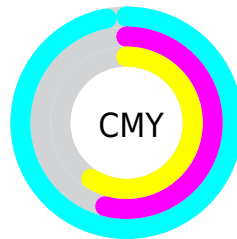
- Red (3%)
- Green (46%)
- Blue (41%)



- Red (3%)
- Yellow (26%)
- Blue (46%)



- Cyan (93%)
- Magenta (0%)
- Yellow (10%)
- Black (54%)



- Cyan (97%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 087569 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 087569 by changing the saturation by 10% instead.

 087569

 087569

FFFFFF

 005C51

 4FAA9C

 00443A

 6CC5B7

 002D25

 88E1D3

 001710

 A4FEEF

 000000

 C0FFFF

 DDFFFF

 FBFFFF

 087569

 087569

■ 007568

■ 14756A

■ 1F756C

■ 2B756D

■ 37756E

■ 42756F

■ 4E7571

■ 5A7572

■ 667573

■ 717575

Harmonies

Analogous

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



3C7350



087569



007482

Triad

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



087569



6D6193



8A5E3C

Complementary

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



087569



750814

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.



97564E



087569



895880

Square

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



087569



436A9A



975367



766735

Rectangle

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



087569



00728F



975367



905B41

Sweetspot

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



087569



6E9994



157508



324D4A



CCCCCC



4D4D4D

Same Dimension

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



087569



009988



084B75



353B3A



007A6D



00FADE

Inverse Universe

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



750814



990011



753208



3B3535



7A000D



FA001C

Previews

White Background



This preview shows how the Hex color 087569 looks on a white background.

Color Contrast Check

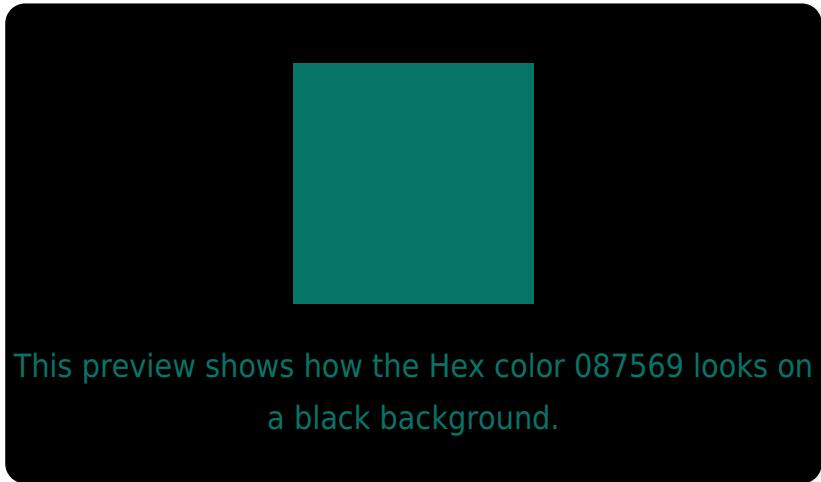
Large Text (above 18pt) WCAG AA ✓ Pass

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

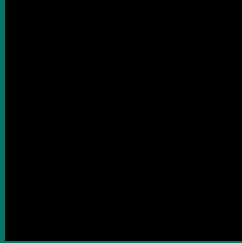
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 087569 Background



This preview shows how black text looks on a background with the Hex color 087569.



This preview shows how white text looks on a background with the Hex color 087569.

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
087569

Protanopia
6B6761

Deuteranopia
6F646D



Tritanopia
1F727C

Trichromacy



Original Color
087569



Protanomaly
476C64



Deuteranomaly
4A6A6C



Tritanomaly
177375

Monochromacy



Original Color
087569



Achromatopsia
535353



Achromatomaly
385F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 087569 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 #087569 looks like.

```
.text, #text, p{  
    color:#087569  
}
```

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 #087569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087569
}
```

Border

The CSS property to change the border of an element to Hex 087569 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
#087569 }
```

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

```
.border{ border-color:#087569 }
```

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

Here you see how a box with a 4 pixel #087569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087569; -webkit-box-shadow:4px 4px  
4px 4px #087569; box-shadow:4px 4px 4px  
4px #087569 }
```

Background

The CSS property to change the background color of an element to Hex 087569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087569 }
```

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

```
.background{ background-color:#087569 }
```

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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