

Converting Colors

Hex(086056)

Have a look what the booklet for
Hex(086056) contains.

Hex(086056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(086056)

Conversions

Conversions Part 1

Format	Color
Hex	086056
RGB	8, 96, 86
RGB Percent	3%, 38%, 34%
CMY	0.9686, 0.6235, 0.6627
CMYK	0.92, 0.00, 0.10, 0.62
HSL	173°, 85%, 20%
HSV	173°, 92%, 38%
XYZ	5.9627, 9.0893, 10.2442
YIQ	68.5480, -49.2380, -21.7660

Conversions

Conversions Part 2

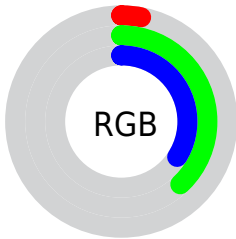
Format	Color
R_{YB}	8, 55, 96
Decimal	548950
CIE _{Lab}	36.16, -26.14, -1.04
CIE _{LCh}	36, 26.156, 182.280
Yxy	9.0893, 0.2357, 0.3593
Android (android.graphics.Color)	4278739030 (0xFF086056)
YUV	68.5480, 8.6038, -53.1006
Hunter-Lab	30.1484, -17.4561, 0.9575

Details

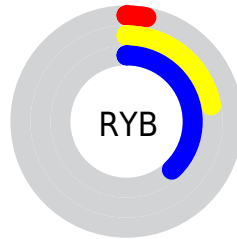
The Hex color **086056** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **600812**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **499388**, and **003129** is the 20% darker color. If you saturate the color by 10%, you get **006055**, and if you desaturate by 10%, it is **126057**.

Distribution



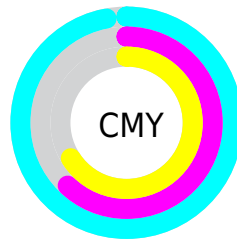
- Red (3%)
- Green (38%)
- Blue (34%)



- Red (3%)
- Yellow (22%)
- Blue (38%)



- Cyan (92%)
- Magenta (0%)
- Yellow (10%)
- Black (62%)



- Cyan (97%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 086056 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 086056 by changing the saturation by 10% instead.

086056

086056

FFFFFF

00483F

499388

003129

64AEA2

001E14

7FC9BD

000000

9AE6D9

B6FFF5

D3FFFF

F0FFFF

086056

086056

■ 006055

■ 126057

■ 1B6058

■ 256059

■ 2E605A

■ 38605B

■ 42605D

■ 4B605E

■ 55605F

■ 5E6060

Harmonies

Analogous

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



315E41



086056



005F6B

Triad

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



086056



594F79



724D30

Complementary

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



086056



600812

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.



7C4640



086056



714869

Square

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



086056



37577F



7C4454



61542A

Rectangle

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



086056



005E76



7C4454



764B35

Sweetspot

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



086056



5A7D79



126008



2A403D



BFBFBF



404040

Same Dimension

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



086056



007D6F



083E60



2C3030



007063



00F0D4

Inverse Universe

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



600812



7D000E



602A08



302C2C



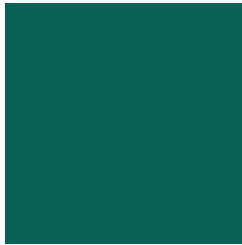
70000D



F0001B

Previews

White Background



This preview shows how the Hex color 086056 looks on a white background.

Color Contrast Check

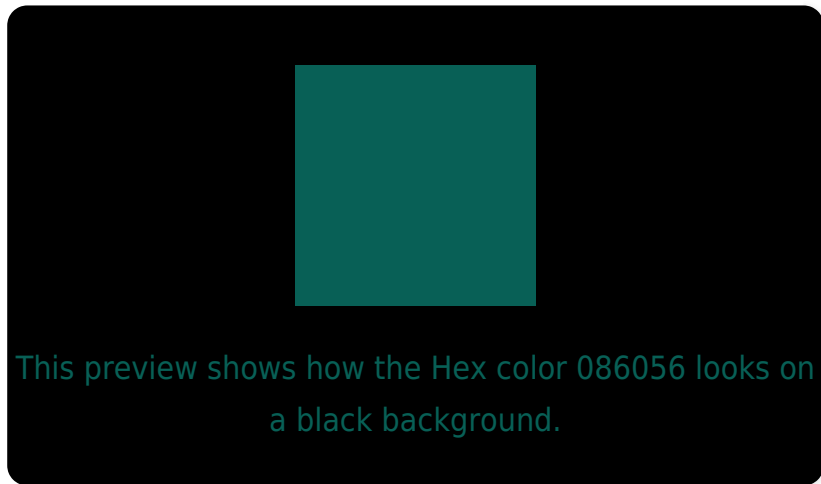
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

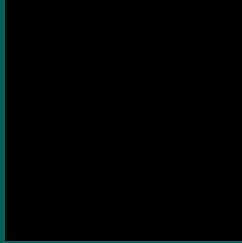
Any Text WCAG AA × Fail

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 086056 Background



This preview shows how black text looks on a background with the Hex color 086056.

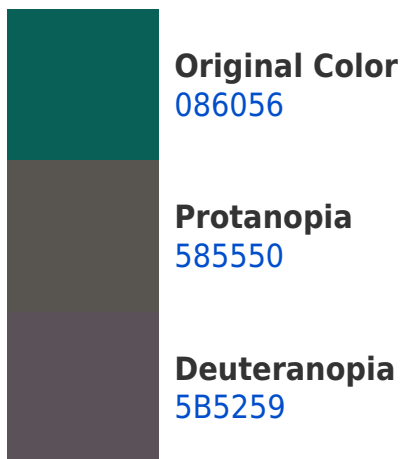



This preview shows how white text looks on a background with the Hex color 086056.

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
1A5E65

Trichromacy



Original Color
086056

Protanomaly
3B5952

Deuteranomaly
3D5758

Tritanomaly
135F60

Monochromacy



Original Color
086056

Achromatopsia
454545

Achromatomaly
2F4F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 086056 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 #086056 looks like.

```
.text, #text, p{  
    color:#086056  
}
```

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 #086056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086056
}
```

Border

The CSS property to change the border of an element to Hex 086056 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
#086056 }
```

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

```
.border{ border-color:#086056 }
```

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

Here you see how a box with a 4 pixel #086056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086056; -webkit-box-shadow:4px 4px  
4px 4px #086056; box-shadow:4px 4px 4px  
4px #086056 }
```

Background

The CSS property to change the background color of an element to Hex 086056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086056 }
```

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

```
.background{ background-color:#086056 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor