

Converting Colors

Hex(08613A)

Have a look what the booklet for
Hex(08613A) contains.

Hex(08613A)	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(08613A)

Conversions

Conversions Part 1

Format	Color
Hex	08613A
RGB	8, 97, 58
RGB Percent	3%, 38%, 23%
CMY	0.9686, 0.6196, 0.7725
CMYK	0.92, 0.00, 0.40, 0.62
HSL	154°, 85%, 21%
HSV	154°, 92%, 38%
XYZ	5.1386, 8.9065, 5.4513
YIQ	65.9430, -40.5250, -30.9970

Conversions

Conversions Part 2

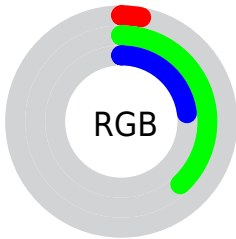
Format	Color
RYB	8, 65, 97
Decimal	549178
CIELab	35.80, -34.23, 15.60
CIELCh	36, 37.618, 155.494
Yxy	8.9065, 0.2636, 0.4568
Android (android.graphics.Color)	4278739258 (0xFF08613A)
YUV	65.9430, -3.9159, -50.8160
Hunter-Lab	29.8438, -21.4921, 10.0607

Details

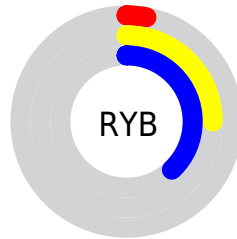
The Hex color **08613A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **61082F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **479569**, and **00310F** is the 20% darker color. If you saturate the color by 10%, you get **006136**, and if you desaturate by 10%, it is **12613E**.

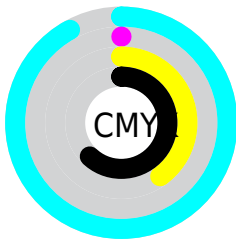
Distribution



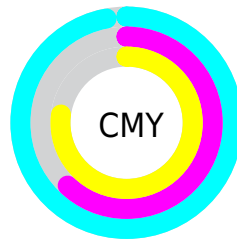
- Red (3%)
- Green (38%)
- Blue (23%)



- Red (3%)
- Yellow (25%)
- Blue (38%)



- Cyan (92%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)



- Cyan (97%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08613A 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 08613A by changing the saturation by 10% instead.

 08613A

 08613A

FFFFFF

 004924

 479569

 00310F

 62AF83

 001D00

 7DCB9D

 000000

 98E8B8

 B4FFD4

 D1FFF0

 EEEFFF

 08613A

 08613A

■ 006136

■ 12613E

■ 1B6143

■ 256147

■ 2F614B

■ 38614F

■ 426154

■ 4C6158

■ 56615C

■ 5F6160

Harmonies

Analogous

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



405C20



08613A



006359

Triad

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



08613A



1E5690



883E33

Complementary

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



08613A



61082F

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.



8B3850



08613A



5D4A85

Square

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



08613A



005E8B



7D3E6E



784A1C

Rectangle

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



08613A



00636D



7D3E6E



8A3B3C

Sweetspot

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



08613A



5A7D6E



306108



2A4036



BFBFBF



404040

Same Dimension

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



08613A



007D46



085D61



2C302E



00703F



00F087

Inverse Universe

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



61082F



7D0037



610C08



302C2E



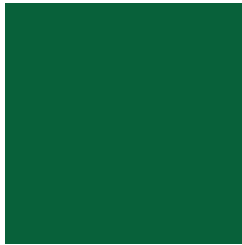
700031



F00069

Previews

White Background



This preview shows how the Hex color 08613A 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

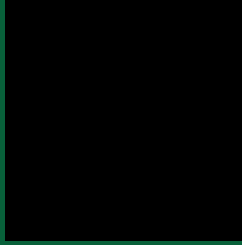
Any Text WCAG AA × Fail

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 08613A Background



This preview shows how black text looks on a background with the Hex color 08613A.



This preview shows how white text looks on a background with the Hex color 08613A.

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
08613A

Protanopia
5C5435

Deuteranopia
63513E



Tritanopia
245C64

Trichromacy



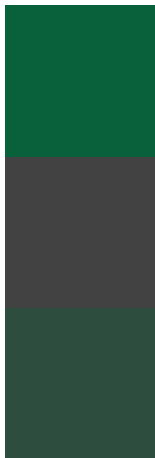
Original Color
08613A

Protanomaly
3D5937

Deuteranomaly
42573D

Tritanomaly
1A5E55

Monochromacy



Original Color
08613A

Achromatopsia
424242

Achromatomaly
2D4D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 08613A 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 #08613A looks like.

```
.text, #text, p{  
    color:#08613A  
}
```

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 #08613A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08613A
}
```

Border

The CSS property to change the border of an element to Hex 08613A 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
#08613A }
```

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

```
.border{ border-color:#08613A }
```

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

Here you see how a box with a 4 pixel #08613A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08613A; -webkit-box-shadow:4px 4px  
4px 4px #08613A; box-shadow:4px 4px 4px  
4px #08613A }
```

Background

The CSS property to change the background color of an element to Hex 08613A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08613A }
```

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

```
.background{ background-color:#08613A }
```

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