

Converting Colors

Hex(08475C)

Have a look what the booklet for
Hex(08475C) contains.

Hex(08475C)	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>	28

Color

Hex(08475C)

Conversions

Conversions Part 1

Format	Color
Hex	08475C
RGB	8, 71, 92
RGB Percent	3%, 28%, 36%
CMY	0.9686, 0.7216, 0.6392
CMYK	0.91, 0.23, 0.00, 0.64
HSL	195°, 84%, 20%
HSV	195°, 91%, 36%
XYZ	4.2851, 5.3308, 10.9283
YIQ	54.5570, -44.2890, -6.8250

Conversions

Conversions Part 2

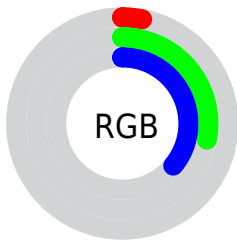
Format	Color
R _Y B	8, 44, 92
Decimal	542556
CIE Lab	27.66, -10.22, -17.67
CIE LCh	28, 20.417, 239.958
Yxy	5.3308, 0.2086, 0.2595
Android (android.graphics.Color)	4278732636 (0xFF08475C)
YUV	54.5570, 18.4594, -40.8305
Hunter-Lab	23.0885, -7.2760, -11.9013

Details

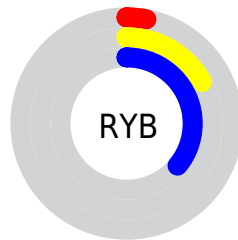
The Hex color **08475C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5C1D08**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **45778E**, and **001C2E** is the 20% darker color. If you saturate the color by 10%, you get **00455C**, and if you desaturate by 10%, it is **11495C**.

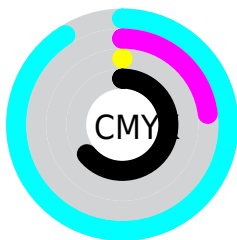
Distribution



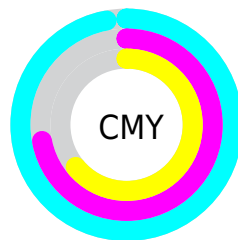
- Red (3%)
- Green (28%)
- Blue (36%)



- Red (3%)
- Yellow (17%)
- Blue (36%)



- Cyan (91%)
- Magenta (23%)
- Yellow (0%)
- Black (64%)



- Cyan (97%)
- Magenta (72%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 08475C 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 08475C by changing the saturation by 10% instead.

08475C

08475C

FFFFFF

003144

45778E

001C2E

6091A9

00011A

7AACC4

000000

95C7E0

B1E3FD

CDFFFF

EAffff

08475C

08475C

■ 00455C

■ 11495C

■ 1A4C5C

■ 244E5C

■ 2D505C

■ 36535C

■ 3F555C

■ 48575C

■ 52595C

■ 5B5C5C

Harmonies

Analogous

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



004950



08475C



2A4360

Triad

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



08475C



5E3542



3B4526

Complementary

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



08475C



5C1D08

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.



4B4022



08475C



5F3632

Square

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



08475C



553851



583B27



284831

Rectangle

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



08475C



3B3F5F



583B27



414423

Sweetspot

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



08475C



577078



085C1D



2A383D



BDBDBD



3D3D3D

Same Dimension

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



08475C



005A78



081D5C



292D2E



00526E



00B2ED

Inverse Universe

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



5C0847



78005A



5C4708



2E292D



6E0052



ED00B2

Previews

White Background



This preview shows how the Hex color 08475C looks on a white background.

Color Contrast Check

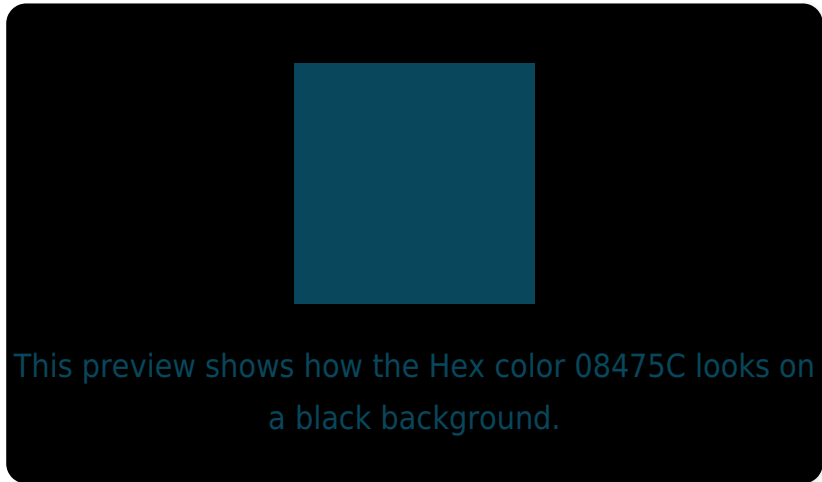
Large Text (above 18pt) WCAG AA ✓ Pass

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

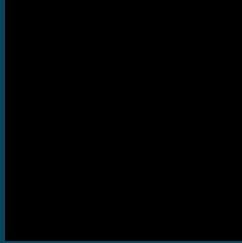
Any Text WCAG AA × Fail

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 08475C Background



This preview shows how black text looks on a background with the Hex color 08475C.



This preview shows how white text looks on a background with the Hex color 08475C.

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
08475C

Protanopia
3B4157

Deuteranopia
37415D

Trichromacy



Original Color
08475C

Protanomaly
284359

Deuteranomaly
26435D

Monochromacy



Original Color
08475C

Achromatopsia
373737

Achromatomaly
263D44

CSS Examples

Text

The CSS property to change the color of the text to Hex 08475C 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 #08475C looks like.

```
.text, #text, p{  
    color:#08475C  
}
```

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 #08475C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08475C
}
```

Border

The CSS property to change the border of an element to Hex 08475C 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
#08475C }
```

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

```
.border{ border-color:#08475C }
```

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

Here you see how a box with a 4 pixel #08475C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08475C; -webkit-box-shadow:4px 4px  
4px 4px #08475C; box-shadow:4px 4px 4px  
4px #08475C }
```

Background

The CSS property to change the background color of an element to Hex 08475C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08475C }
```

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

```
.background{ background-color:#08475C }
```

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