

Converting Colors

Hex(0F4857)

Have a look what the booklet for
Hex(0F4857) contains.

Hex(0F4857)	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(0F4857)

Conversions

Conversions Part 1

Format	Color
Hex	0F4857
RGB	15, 72, 87
RGB Percent	6%, 28%, 34%
CMY	0.9412, 0.7176, 0.6588
CMYK	0.83, 0.17, 0.00, 0.66
HSL	192°, 71%, 20%
HSV	192°, 83%, 34%
XYZ	4.2347, 5.4244, 9.8406
YIQ	56.6670, -38.7870, -7.4190

Conversions

Conversions Part 2

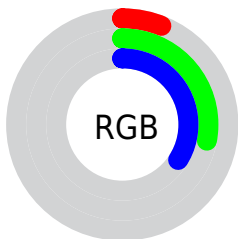
Format	Color
RYB	15, 47, 87
Decimal	1001559
CIELab	27.91, -12.02, -14.04
CIElCh	28, 18.485, 229.446
Yxy	5.4244, 0.2172, 0.2782
Android (android.graphics.Color)	4279191639 (0xFF0F4857)
YUV	56.6670, 14.9542, -36.5420
Hunter-Lab	23.2904, -8.3032, -8.7480

Details

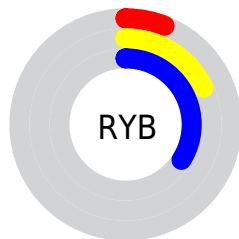
The Hex color **0F4857** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **571E0F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **477989**, and **001D2A** is the 20% darker color. If you saturate the color by 10%, you get **064657**, and if you desaturate by 10%, it is **184A57**.

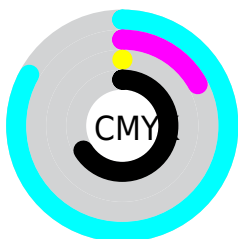
Distribution



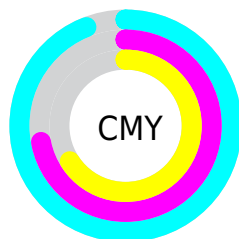
- Red (6%)
- Green (28%)
- Blue (34%)



- Red (6%)
- Yellow (18%)
- Blue (34%)



- Cyan (83%)
- Magenta (17%)
- Yellow (0%)
- Black (66%)



- Cyan (94%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F4857 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 0F4857 by changing the saturation by 10% instead.

0F4857

0F4857

FFFFFF

003140

477989

001D2A

6192A3

000115

7CADBE

000000

97C8DA

B2E4F7

CEFFFF

EBFFFF

0F4857

0F4857

■ 064657

■ 184A57

■ 004557

■ 204C57

■ 294D57

■ 324F57

■ 3A5157

■ 435357

■ 4C5557

■ 555757

■ 5D5857

Harmonies

Analogous

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



0E494B



0F4857



25455D

Triad

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



0F4857



5A3747



424427

Complementary

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



0F4857



571E0F

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.



503F26



0F4857



5E3739

Square

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



0F4857



4F3B54



5A3A2D



32472F

Rectangle

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



0F4857



35425E



5A3A2D



474226

Sweetspot

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



0F4857



546A70



0F571D



273538



B8B8B8



383838

Same Dimension

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



0F4857



015970



0F2557



272A2B



00556B



00BAEB

Inverse Universe

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



570F48



700159



57410F



2B272A



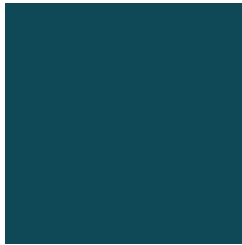
6B0055



EB00BA

Previews

White Background



This preview shows how the Hex color 0F4857 looks on a white background.

Color Contrast Check

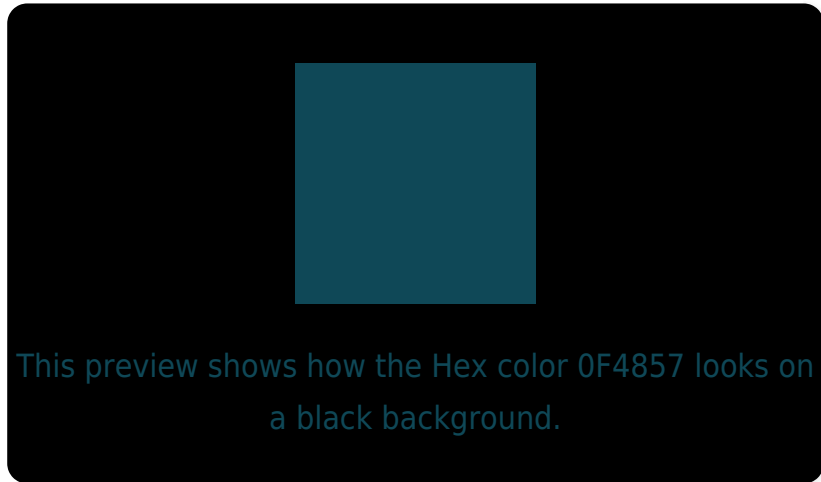
Large Text (above 18pt) WCAG AA ✓ Pass

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

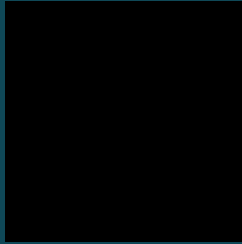
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

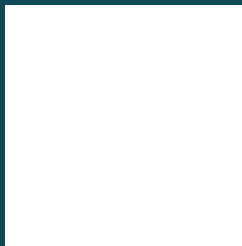
Any Text WCAG AAA × Fail

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

Hex 0F4857 Background



This preview shows how black text looks on a background with the Hex color 0F4857.



This preview shows how white text looks on a background with the Hex color 0F4857.

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
0F4857

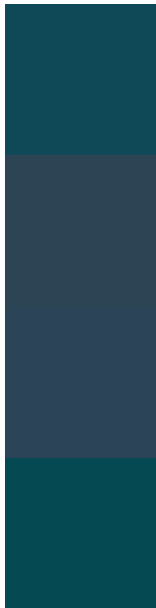
Protanopia
3E4152

Deuteranopia
3C4159



Tritanopia
00494F

Trichromacy



Original Color
0F4857

Protanomaly
2D4454

Deuteranomaly
2C4458

Tritanomaly
054952

Monochromacy



Original Color
0F4857

Achromatopsia
393939

Achromatomaly
2A3E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F4857 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 #0F4857 looks like.

```
.text, #text, p{  
    color:#0F4857  
}
```

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 #0F4857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4857
}
```

Border

The CSS property to change the border of an element to Hex 0F4857 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
#0F4857 }
```

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

```
.border{ border-color:#0F4857 }
```

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

Here you see how a box with a 4 pixel #0F4857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4857; -webkit-box-shadow:4px 4px  
4px 4px #0F4857; box-shadow:4px 4px 4px  
4px #0F4857 }
```

Background

The CSS property to change the background color of an element to Hex 0F4857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4857 }
```

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

```
.background{ background-color:#0F4857 }
```

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