

Converting Colors

Hex(0F535A)

Have a look what the booklet for
Hex(0F535A) contains.

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Color

Hex(0F535A)

Conversions

Conversions Part 1

Format	Color
Hex	0F535A
RGB	15, 83, 90
RGB Percent	6%, 33%, 35%
CMY	0.9412, 0.6745, 0.6471
CMYK	0.83, 0.08, 0.00, 0.65
HSL	186°, 71%, 21%
HSV	186°, 83%, 35%
XYZ	5.1357, 7.0263, 10.7584
YIQ	63.4660, -42.7750, -12.2390

Conversions

Conversions Part 2

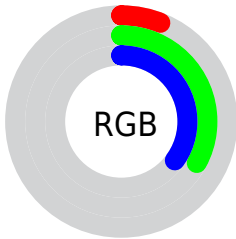
Format	Color
RYB	15, 51, 90
Decimal	1004378
CIELab	31.87, -17.29, -9.93
CIELCh	32, 19.944, 209.869
Yxy	7.0263, 0.2241, 0.3066
Android (android.graphics.Color)	4279194458 (0xFF0F535A)
YUV	63.4660, 13.0813, -42.5047
Hunter-Lab	26.5071, -11.8032, -5.5090

Details

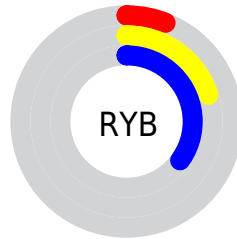
The Hex color **0F535A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A160F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **49858C**, and **00262C** is the 20% darker color. If you saturate the color by 10%, you get **06525A**, and if you desaturate by 10%, it is **18545A**.

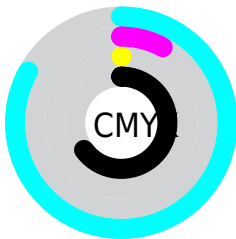
Distribution



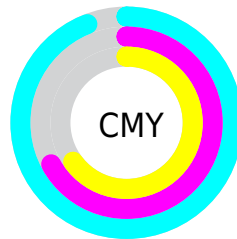
- Red (6%)
- Green (33%)
- Blue (35%)



- Red (6%)
- Yellow (20%)
- Blue (35%)



- Cyan (83%)
- Magenta (8%)
- Yellow (0%)
- Black (65%)



- Cyan (94%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F535A 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 0F535A by changing the saturation by 10% instead.

0F535A

0F535A

FFFFFF

003C43

49858C

00262C

649FA6

000E18

7EBAC2

000000

9AD6DD

B5F2FA

D2FFFF

FFFFFF

0F535A

0F535A

■ 06525A

■ 18545A

■ 00525A

■ 21555A

■ 2A565A

■ 33565A

■ 3C575A

■ 45585A

■ 4E595A

■ 575A5A

■ 605B5A

Harmonies

Analogous

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



1F534A



0F535A



1B5166

Triad

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



0F535A



5F425B



554A2B

Complementary

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



0F535A



5A160F

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.



624530



0F535A



683F4C

Square

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



0F535A



4D4766



69403C



454F2F

Rectangle

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



0F535A



2C4E69



69403C



5A482C

Sweetspot

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



0F535A



587375



0F5A15



29393B



BABABA



3B3B3B

Same Dimension

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



0F535A



006A75



0F2E5A



292D2E



00636E



00D7ED

Inverse Universe

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



5A0F53



75006A



5A3B0F



2E292D



6E0063



ED00D7

Previews

White Background



This preview shows how the Hex color 0F535A looks on a white background.

Color Contrast Check

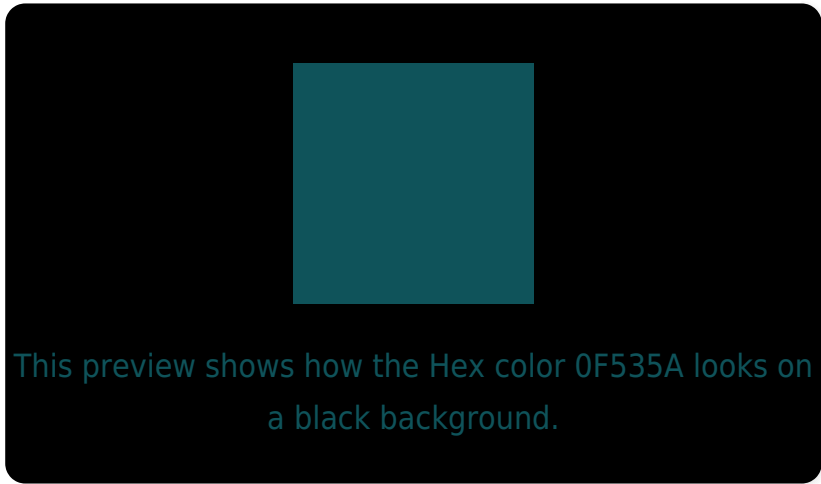
Large Text (above 18pt) WCAG AA ✓ Pass

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

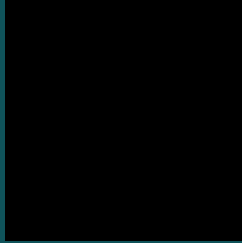
Any Text WCAG AA × Fail

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 0F535A Background



This preview shows how black text looks on a background with the Hex color 0F535A.



This preview shows how white text looks on a background with the Hex color 0F535A.

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
0F535A

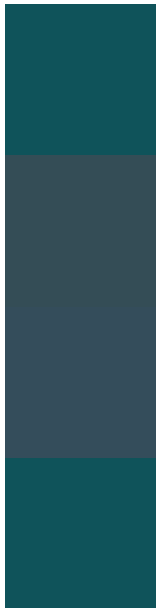
Protanopia
494A54

Deuteranopia
49495C



Tritanopia
0F535A

Trichromacy



Original Color
0F535A

Protanomaly
344D56

Deuteranomaly
344D5B

Tritanomaly
0F535A

Monochromacy



Original Color
0F535A

Achromatopsia
3F3F3F

Achromatomaly
2E4649

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F535A 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 #0F535A looks like.

```
.text, #text, p{  
    color:#0F535A  
}
```

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 #0F535A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F535A
}
```

Border

The CSS property to change the border of an element to Hex 0F535A 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
#0F535A }
```

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

```
.border{ border-color:#0F535A }
```

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

Here you see how a box with a 4 pixel #0F535A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F535A; -webkit-box-shadow:4px 4px  
4px 4px #0F535A; box-shadow:4px 4px 4px  
4px #0F535A }
```

Background

The CSS property to change the background color of an element to Hex 0F535A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F535A }
```

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

```
.background{ background-color:#0F535A }
```

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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