

Converting Colors

Hex(0F4563)

Have a look what the booklet for
Hex(0F4563) contains.

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Color

Hex(0F4563)

Conversions

Conversions Part 1

Format	Color
Hex	0F4563
RGB	15, 69, 99
RGB Percent	6%, 27%, 39%
CMY	0.9412, 0.7294, 0.6118
CMYK	0.85, 0.30, 0.00, 0.61
HSL	201°, 74%, 22%
HSV	201°, 85%, 39%
XYZ	4.5773, 5.2587, 12.5782
YIQ	56.2740, -41.8140, -2.1180

Conversions

Conversions Part 2

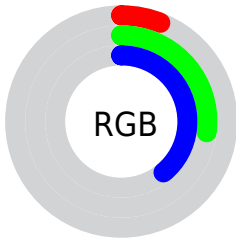
Format	Color
RYB	15, 48, 99
Decimal	1000803
CIELab	27.46, -5.41, -22.48
CIELCh	27, 23.118, 256.457
Yxy	5.2587, 0.2042, 0.2346
Android (android.graphics.Color)	4279190883 (0xFF0F4563)
YUV	56.2740, 21.0639, -36.1973
Hunter-Lab	22.9318, -4.5014, -16.4686

Details

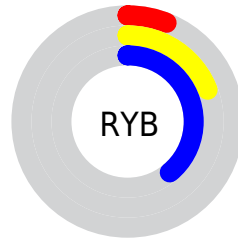
The Hex color **0F4563** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **632D0F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4A7596**, and **001A34** is the 20% darker color. If you saturate the color by 10%, you get **054163**, and if you desaturate by 10%, it is **194963**.

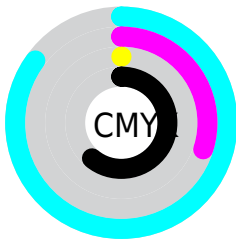
Distribution



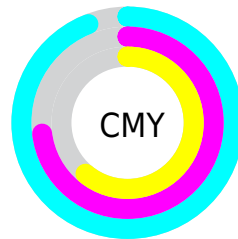
- Red (6%)
- Green (27%)
- Blue (39%)



- Red (6%)
- Yellow (19%)
- Blue (39%)



- Cyan (85%)
- Magenta (30%)
- Yellow (0%)
- Black (61%)



- Cyan (94%)
- Magenta (73%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F4563 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 0F4563 by changing the saturation by 10% instead.

0F4563

0F4563

FFFFFF

002F4B

4A7596

001A34

648FB1

00021F

7FA9CC

000002

9AC4E8

000000

B6E0FF

D2FDFF

FFFFFF

0F4563

0F4563

■ 054163

■ 194963

■ 004063

■ 234C63

■ 2D5063

■ 375363

■ 415763

■ 4A5A63

■ 545E63

■ 5E6163

■ 686563

Harmonies

Analogous

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



00495A



0F4563



363F63

Triad

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



0F4563



633338



2E4728

Complementary

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



0F4563



632D0F

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.



42431E



0F4563



5E3728

Square

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



0F4563



5E334A



533D1E



144938

Rectangle

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



0F4563



483B5D



533D1E



354623

Sweetspot

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



0F4563



607480



0F632C



2D3940



BFBFBF



404040

Same Dimension

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



0F4563



005280



0F1C63



2C2F30



004870



009AF0

Inverse Universe

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



630F45



800052



63560F



302C2F



700048



F0009A

Previews

White Background



This preview shows how the Hex color 0F4563 looks on a white background.

Color Contrast Check

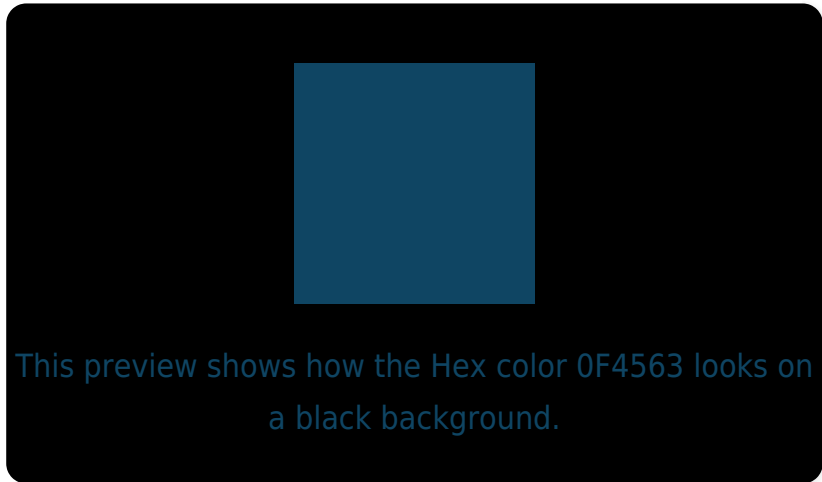
Large Text (above 18pt) WCAG AA ✓ Pass

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

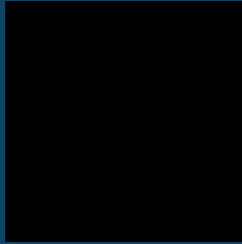
Any Text WCAG AA × Fail

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 0F4563 Background



This preview shows how black text looks on a background with the Hex color 0F4563.



This preview shows how white text looks on a background with the Hex color 0F4563.

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
0F4563

Protanopia
37405F

Deuteranopia
2F4164



Tritanopia
00484E

Trichromacy



Original Color
0F4563

Protanomaly
284260

Deuteranomaly
234264

Tritanomaly
054756

Monochromacy



Original Color
0F4563

Achromatopsia
383838

Achromatomaly
293D48

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F4563 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 #0F4563 looks like.

```
.text, #text, p{  
    color:#0F4563  
}
```

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 #0F4563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F4563
}
```

Border

The CSS property to change the border of an element to Hex 0F4563 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
#0F4563 }
```

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

```
.border{ border-color:#0F4563 }
```

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

Here you see how a box with a 4 pixel #0F4563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F4563; -webkit-box-shadow:4px 4px  
4px 4px #0F4563; box-shadow:4px 4px 4px  
4px #0F4563 }
```

Background

The CSS property to change the background color of an element to Hex 0F4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F4563 }
```

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

```
.background{ background-color:#0F4563 }
```

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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