

# Converting Colors

Hex(0F556B)

Have a look what the booklet for  
Hex(0F556B) contains.

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# Color

**Hex(0F556B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F556B
RGB	15, 85, 107
RGB Percent	6%, 33%, 42%
CMY	0.9412, 0.6667, 0.5804
CMYK	0.86, 0.21, 0.00, 0.58
HSL	194°, 75%, 24%
HSV	194°, 86%, 42%
XYZ	6.0993, 7.6601, 15.0670
YIQ	66.5780, -48.7820, -7.9980

# Conversions

## Conversions Part 2

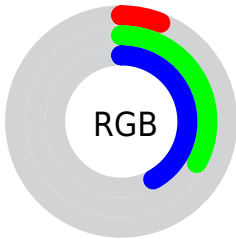
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 55, 107
Decimal	1004907
CIELab	33.26, -12.17, -18.51
CIELCh	33, 22.150, 236.675
Yxy	7.6601, 0.2116, 0.2657
Android (android.graphics.Color)	4279194987 (0xFF0F556B)
YUV	66.5780, 19.9280, -45.2339
Hunter-Lab	27.6769, -9.0973, -12.9030

# Details

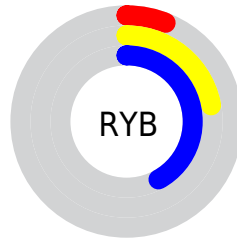
The Hex color **0F556B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B250F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4D879E**, and **00283C** is the 20% darker color. If you saturate the color by 10%, you get **04526B**, and if you desaturate by 10%, it is **1A586B**.

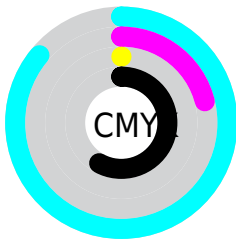
# Distribution



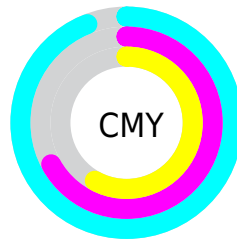
- Red (6%)
- Green (33%)
- Blue (42%)



- Red (6%)
- Yellow (22%)
- Blue (42%)



- Cyan (86%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (94%)
- Magenta (67%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F556B 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 0F556B by changing the saturation by 10% instead.





0F556B



0F556B

FFFFFF



003E53



4D879E



00283C



68A1B9



001426



83BCD5



000110



9ED8F2



000000



BBF4FF



D7FFFF



F4FFFF



0F556B



0F556B

■ 04526B

■ 1A586B

■ 00516B

■ 245A6B

■ 2F5D6B

■ 3A5F6B

■ 45626B

■ 4F646B

■ 5A676B

■ 65696B

■ 6F6C6B

# Harmonies

## Analogous

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



01575D



0F556B



315171

# Triad

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



0F556B



6E4151



4A522E

# Complementary

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



0F556B



6B250F

# 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.



5B4D2B



0F556B



70423F

# Square

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



0F556B



624462



694632



35563A

# Rectangle

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



0F556B



454D70



694632



50502C



# Sweetspot

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



0F556B



68848C



0F6B24



314247



C7C7C7



474747



# Same Dimension

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



0F556B



006B8C



0F286B



303436



005975



00BAF5



# Inverse Universe

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



6B0F55



8C006B



6B520F



363034



750059



F500BA



# Previews

## White Background



This preview shows how the Hex color 0F556B looks on a white background.

### Color Contrast Check

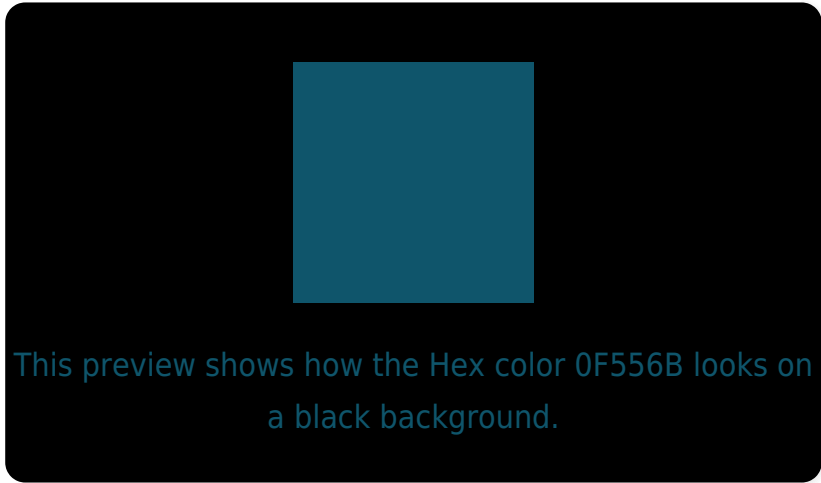
Large Text (above 18pt) WCAG AA ✓ Pass

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

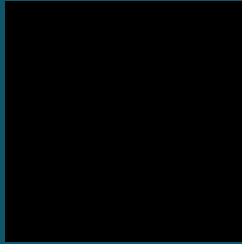
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0F556B Background



This preview shows how black text looks on a background with the Hex color 0F556B.



This preview shows how white text looks on a background with the Hex color 0F556B.

# 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



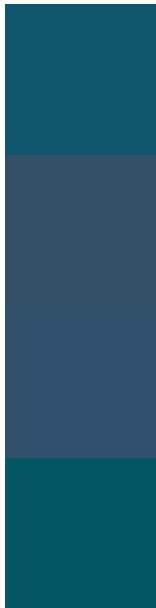
**Original Color**  
0F556B

**Protanopia**  
484D65

**Deuteranopia**  
444D6D



# Trichromacy



**Original Color**  
0F556B

**Protanomaly**  
335067

**Deuteranomaly**  
31506C

**Tritanomaly**  
055663

# Monochromacy



**Original Color**  
0F556B

**Achromatopsia**  
434343

**Achromatomaly**  
304A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F556B 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 #0F556B looks like.

```
.text, #text, p{  
    color:#0F556B  
}
```

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 #0F556B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F556B
}
```

## Border

The CSS property to change the border of an element to Hex 0F556B 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
#0F556B }
```

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

```
.border{ border-color:#0F556B }
```

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

Here you see how a box with a 4 pixel #0F556B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F556B; -webkit-box-shadow:4px 4px  
4px 4px #0F556B; box-shadow:4px 4px 4px  
4px #0F556B }
```

# Background

The CSS property to change the background color of an element to Hex 0F556B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F556B }
```

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

```
.background{ background-color:#0F556B }
```

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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