

# Converting Colors

Hex(07465D)

Have a look what the booklet for  
Hex(07465D) contains.

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# Color

**Hex(07465D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07465D
RGB	7, 70, 93
RGB Percent	3%, 27%, 36%
CMY	0.9725, 0.7255, 0.6353
CMYK	0.92, 0.25, 0.00, 0.64
HSL	196°, 86%, 20%
HSV	196°, 92%, 36%
XYZ	4.2536, 5.2158, 11.1385
YIQ	53.7850, -44.9310, -6.2030

# Conversions

## Conversions Part 2

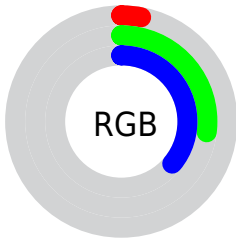
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 43, 93
Decimal	476765
CIE <sub>Lab</sub>	27.34, -9.30, -18.81
CIE <sub>LCh</sub>	27, 20.984, 243.701
Yxy	5.2158, 0.2064, 0.2531
Android (android.graphics.Color)	4278666845 (0xFF07465D)
YUV	53.7850, 19.3330, -41.0304
Hunter-Lab	22.8381, -6.7214, -12.9299

# Details

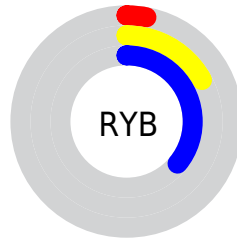
The Hex color **07465D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5D1E07**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **45768F**, and **001B2F** is the 20% darker color. If you saturate the color by 10%, you get **00445D**, and if you desaturate by 10%, it is **10485D**.

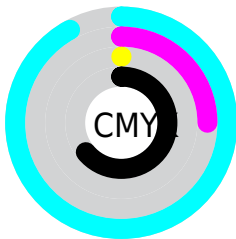
# Distribution



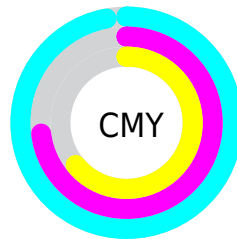
- Red (3%)
- Green (27%)
- Blue (36%)



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



- Cyan (92%)
- Magenta (25%)
- Yellow (0%)
- Black (64%)



- Cyan (97%)
- Magenta (73%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 07465D 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 07465D by changing the saturation by 10% instead.



07465D

07465D

FFFFFF

003045

45768F

001B2F

5F90AA

00011A

7AAAC5

000000

95C6E1

B1E2FE

CDFEFF

EAEFFF

07465D

07465D

■ 00445D

■ 10485D

■ 1A4B5D

■ 234D5D

■ 2C505D

■ 36525D

■ 3F555D

■ 48575D

■ 515A5D

■ 5B5C5D

# Harmonies

## Analogous

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



004852



07465D



2B4260

# Triad

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



07465D



5F343F



384525

# Complementary

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



07465D



5D1E07

# 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.



494020



07465D



5E3630

# Square

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



07465D



56364F



563B24



244832

# Rectangle

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



07465D



3D3E5E



563B24



3E4422



# Sweetspot

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



07465D



566F78



075D1E



28383D



BDBDBD



3D3D3D



# Same Dimension

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



07465D



005878



071B5D



292D2E



00506E



00AEED



# Inverse Universe

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



5D0746



780058



5D4907



2E292D



6E0050



ED00AE



# Previews

## White Background



This preview shows how the Hex color 07465D looks on a white background.

## Color Contrast Check

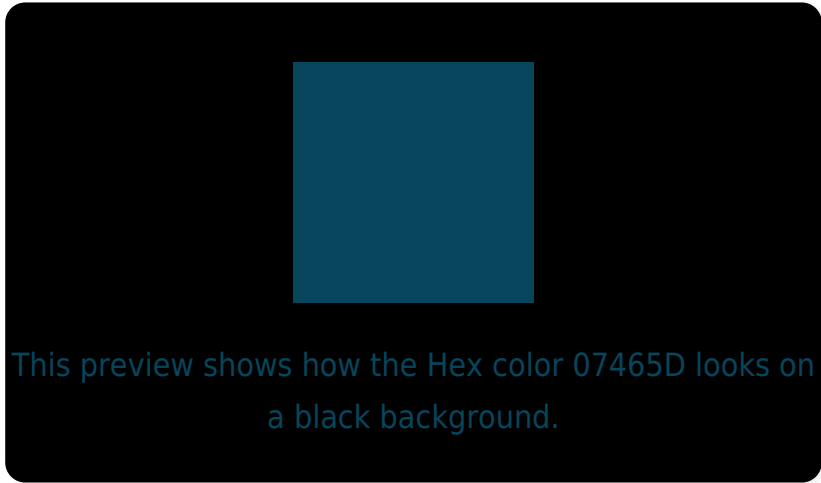
Large Text (above 18pt) WCAG AA ✓ Pass

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

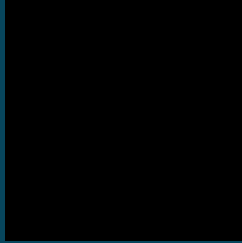
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 07465D Background



This preview shows how black text looks on a background with the Hex color 07465D.



This preview shows how white text looks on a background with the Hex color 07465D.

# 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**  
07465D

**Protanopia**  
3A4058

**Deuteranopia**  
35405E



**Tritanopia**  
00484E

# Trichromacy



**Original Color**  
07465D

**Protanomaly**  
27425A

**Deuteranomaly**  
24425E

**Tritanomaly**  
034753

# Monochromacy



**Original Color**  
07465D

**Achromatopsia**  
363636

**Achromatomaly**  
253C44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07465D 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 #07465D looks like.

```
.text, #text, p{  
    color:#07465D  
}
```

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 #07465D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07465D
}
```

## Border

The CSS property to change the border of an element to Hex 07465D is called "border". The border property can be set on classes, ids or directly on the HTML element.

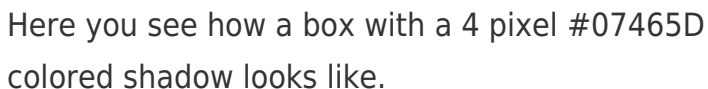
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#07465D }
```

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

```
.border{ border-color:#07465D }
```

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



Here you see how a box with a 4 pixel #07465D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07465D; -webkit-box-shadow:4px 4px  
4px 4px #07465D; box-shadow:4px 4px 4px  
4px #07465D }
```

# Background

The CSS property to change the background color of an element to Hex 07465D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07465D }
```

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

```
.background{ background-color:#07465D }
```

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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