

Converting Colors

Hex(037583)

Have a look what the booklet for
Hex(037583) contains.

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Color

Hex(037583)

Conversions

Conversions Part 1

Format	Color
Hex	037583
RGB	3, 117, 131
RGB Percent	1%, 46%, 51%
CMY	0.9882, 0.5412, 0.4863
CMYK	0.98, 0.11, 0.00, 0.49
HSL	187°, 96%, 26%
HSV	187°, 98%, 51%
XYZ	10.4956, 14.3806, 23.6953
YIQ	84.5100, -72.4380, -19.8140

Conversions

Conversions Part 2

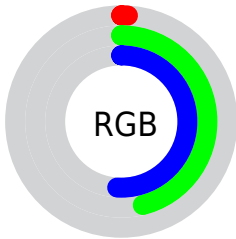
Format	Color
RYB	3, 63, 131
Decimal	226691
CIELab	44.77, -22.08, -15.52
CIElCh	45, 26.985, 215.101
Yxy	14.3806, 0.2161, 0.2961
Android (android.graphics.Color)	4278416771 (0xFF037583)
YUV	84.5100, 22.9196, -71.4843
Hunter-Lab	37.9218, -16.9599, -10.5019

Details

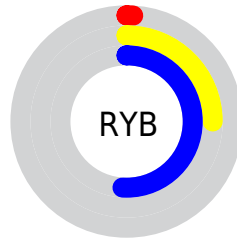
The Hex color **037583** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **831103**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **52A9B8**, and **004452** is the 20% darker color. If you saturate the color by 10%, you get **007583**, and if you desaturate by 10%, it is **107683**.

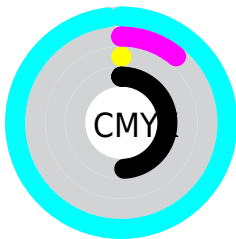
Distribution



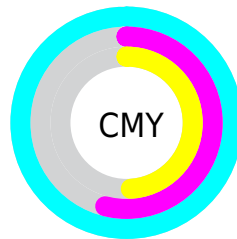
- Red (1%)
- Green (46%)
- Blue (51%)



- Red (1%)
- Yellow (25%)
- Blue (51%)



- Cyan (98%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)




- Cyan (99%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037583 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 037583 by changing the saturation by 10% instead.

 037583

 037583

FFFFFF

 005C6A

 52A9B8

 004452

 6FC5D4

 002E3B

 8BE1F0

 001B25

 A8FEFF

 00010F

 C5FFFF

 000000

 E2FFFF

 037583

 037583

 007583

 107683

■ 1D7883

■ 2A7983

■ 377B83

■ 447C83

■ 527E83

■ 5F7F83

■ 6C8083

■ 798283

Harmonies

Analogous

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



21766D



037583



277192

Triad

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



037583



895B7D



756A3D

Complementary

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



037583



831103

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.



886242



037583



955867

Square

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



037583



72638F



945B51



5D7044

Rectangle

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



037583



436D96



945B51



7C673D

Sweetspot

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



037583



79A5AB



038310



385357



D6D6D6



575757

Same Dimension

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



037583



0098AB



033683



3C4242



007482



000203

Inverse Universe

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



830375



AB0098



835003



423C42



820074



030002

Previews

White Background



This preview shows how the Hex color 037583 looks on a white background.

Color Contrast Check

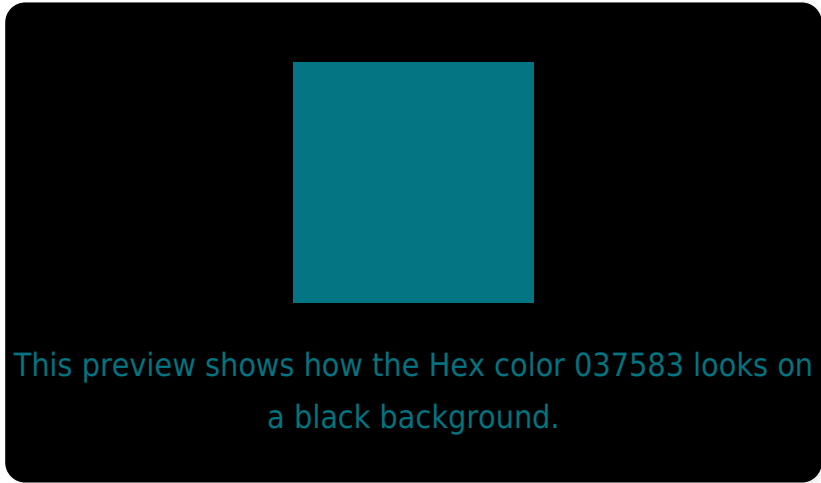
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

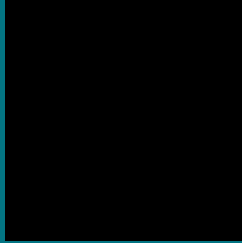
Any Text WCAG AA × Fail

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 037583 Background



This preview shows how black text looks on a background with the Hex color 037583.

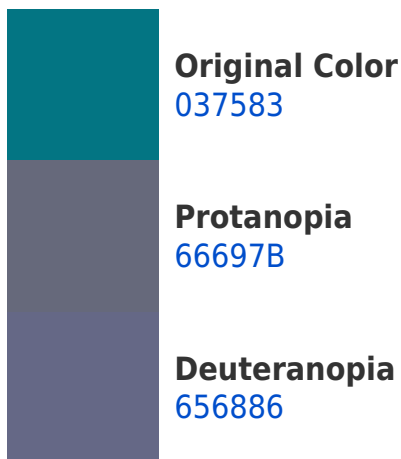


This preview shows how white text looks on a background with the Hex color 037583.

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](#).

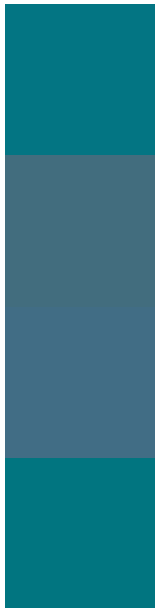
Dichromacy





Tritanopia
00757F

Trichromacy



Original Color
037583

Protanomaly
426D7E

Deuteranomaly
416D85

Tritanomaly
017580

Monochromacy



Original Color
037583

Achromatopsia
555555

Achromatomaly
376166

CSS Examples

Text

The CSS property to change the color of the text to Hex 037583 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 #037583 looks like.

```
.text, #text, p{  
    color:#037583  
}
```

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 #037583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037583
}
```

Border

The CSS property to change the border of an element to Hex 037583 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
#037583 }
```

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

```
.border{ border-color:#037583 }
```

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

Here you see how a box with a 4 pixel #037583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037583; -webkit-box-shadow:4px 4px  
4px 4px #037583; box-shadow:4px 4px 4px  
4px #037583 }
```

Background

The CSS property to change the background color of an element to Hex 037583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037583 }
```

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

```
.background{ background-color:#037583 }
```

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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