

Converting Colors

Hex(037171)

Have a look what the booklet for
Hex(037171) contains.

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Color

Hex(037171)

Conversions

Conversions Part 1

Format	Color
Hex	037171
RGB	3, 113, 113
RGB Percent	1%, 44%, 44%
CMY	0.9882, 0.5569, 0.5569
CMYK	0.97, 0.00, 0.00, 0.56
HSL	180°, 95%, 23%
HSV	180°, 97%, 44%
XYZ	8.9233, 13.0219, 17.6659
YIQ	80.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

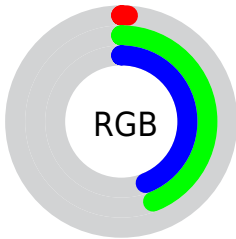
Format	Color
RYB	3, 58, 113
Decimal	225649
CIELab	42.80, -26.18, -7.71
CIELCh	43, 27.296, 196.407
Yxy	13.0219, 0.2253, 0.3287
Android (android.graphics.Color)	4278415729 (0xFF037171)
YUV	80.1100, 16.2148, -67.6255
Hunter-Lab	36.0858, -19.0107, -3.7656

Details

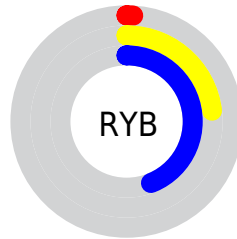
The Hex color **037171** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **710303**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **4EA5A5**, and **004041** is the 20% darker color. If you saturate the color by 10%, you get **007171**, and if you desaturate by 10%, it is **0E7171**.

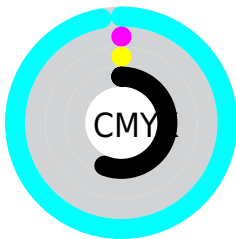
Distribution



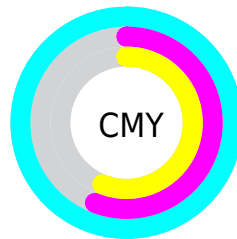
- Red (1%)
- Green (44%)
- Blue (44%)



- Red (1%)
- Yellow (23%)
- Blue (44%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 037171 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 037171 by changing the saturation by 10% instead.

037171

037171

FFFFFF

005859

4EA5A5

004041

6AC1C0

002A2B

86DDDC

001217

A3F9F8

000000

BFFFFFF

DDFFFF

FAFFFF

037171

037171

■ 007171

■ 0E7171

■ 1A7171

■ 257171

■ 307171

■ 3C7171

■ 477171

■ 527171

■ 5D7171

■ 697171

Harmonies

Analogous

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



30705A



037171



006F85

Triad

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



037171



775B84



7D6039

Complementary

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



037171



710303

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.



8B5845



037171



8A5470

Square

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



037171



586390



915459



676839

Rectangle

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



037171



206C8E



915459



825D3C

Sweetspot

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



037171



699494



037103



304A4A



C9C9C9



4A4A4A

Same Dimension

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



037171



009494



033A71



323838



007878



00F7F7

Inverse Universe

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



710371



940094



713A03



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 037171 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

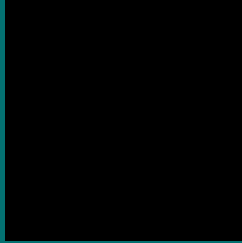
Any Text WCAG AA × Fail

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 037171 Background



This preview shows how black text looks on a background with the Hex color 037171.

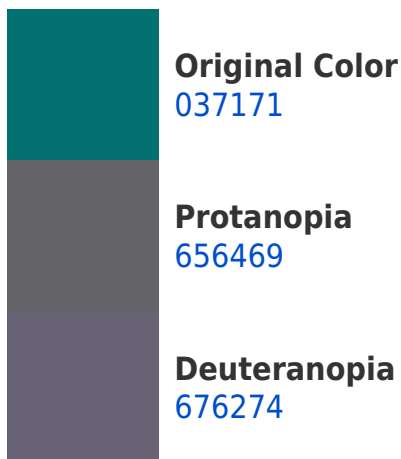


This preview shows how white text looks on a background with the Hex color 037171.

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](#).

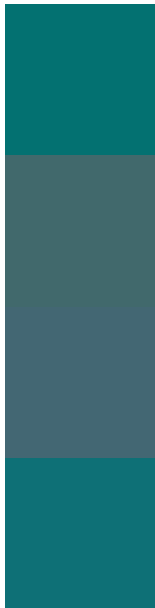
Dichromacy





Tritanopia
157079

Trichromacy



Original Color
037171

Protanomaly
41696C

Deuteranomaly
436773

Tritanomaly
0E7076

Monochromacy



Original Color
037171

Achromatopsia
505050

Achromatomaly
345C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 037171 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 #037171 looks like.

```
.text, #text, p{  
    color:#037171  
}
```

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 #037171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #037171
}
```

Border

The CSS property to change the border of an element to Hex 037171 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
#037171 }
```

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

```
.border{ border-color:#037171 }
```

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

Here you see how a box with a 4 pixel #037171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #037171; -webkit-box-shadow:4px 4px  
4px 4px #037171; box-shadow:4px 4px 4px  
4px #037171 }
```

Background

The CSS property to change the background color of an element to Hex 037171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#037171 }
```

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

```
.background{ background-color:#037171 }
```

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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