

Converting Colors

Hex(006140)

Have a look what the booklet for
Hex(006140) contains.

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Color

Hex(006140)

Conversions

Conversions Part 1

Format	Color
Hex	006140
RGB	0, 97, 64
RGB Percent	0%, 38%, 25%
CMY	1.0000, 0.6196, 0.7490
CMYK	1.00, 0.00, 0.34, 0.62
HSL	160°, 100%, 19%
HSV	160°, 100%, 38%
XYZ	5.2001, 8.9196, 6.2981
YIQ	64.2350, -47.2190, -30.8270

Conversions

Conversions Part 2

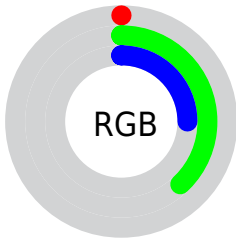
Format	Color
RYB	0, 58, 97
Decimal	24896
CIELab	35.83, -33.59, 12.01
CIELCh	36, 35.670, 160.320
Yxy	8.9196, 0.2547, 0.4369
Android (android.graphics.Color)	4278214976 (0xFF006140)
YUV	64.2350, -0.1159, -56.3341
Hunter-Lab	29.8656, -21.1850, 8.4029

Details

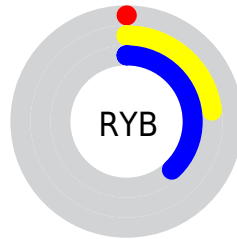
The Hex color **006140** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **610021**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **449470**, and **003115** is the 20% darker color. If you saturate the color by 10%, you get **006140**, and if you desaturate by 10%, it is **0A6143**.

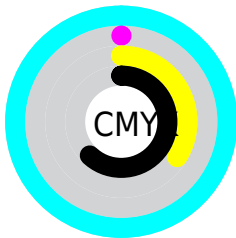
Distribution



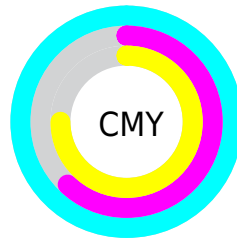
- Red (0%)
- Green (38%)
- Blue (25%)



- Red (0%)
- Yellow (23%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006140 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 006140 by changing the saturation by 10% instead.

 006140

 006140

FFFFFF

 00492A

 449470

 003115

 5FAF89

 001D00

 7ACBA4

 000000

 96E7BF

 B2FFDB

 CEFFF7

 EBFFFF

 006140

■ 0A6143

■ 136147

■ 1D614A

■ 27614D

■ 316150

■ 3A6154

■ 446157

■ 4E615A

■ 57615E

Harmonies

Analogous

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



3C5D26



006140



00625E

Triad

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



006140



31548C



844131

Complementary

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



006140



610021

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.



893B4B



006140



634980

Square

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



006140



005C8A



7E3E68



734C1D

Rectangle

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



006140



006270



7E3E68



873E39

Sweetspot

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



006140



577D70



226100



294038



BFBFBF



404040

Same Dimension

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



006140



007D52



005261



2C302F



00704A



00F09E

Inverse Universe

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



610021



7D002B



610F00



302C2D



700026



F00052

Previews

White Background



This preview shows how the Hex color 006140 looks on a white background.

Color Contrast Check

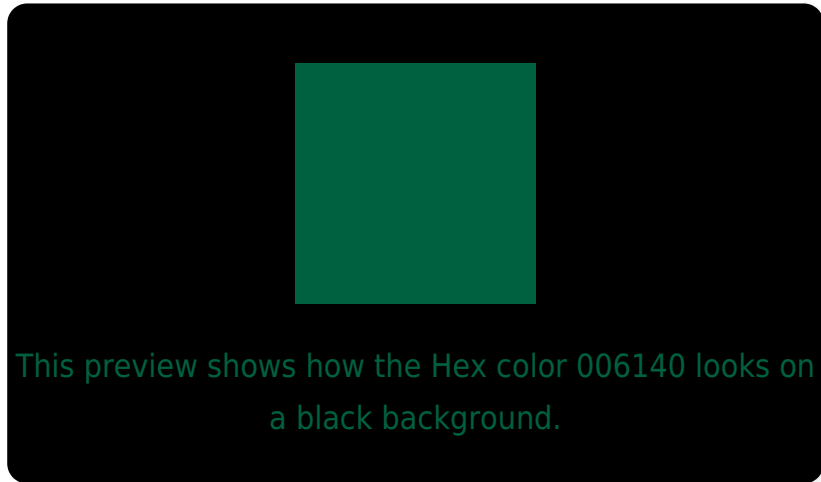
Large Text (above 18pt) WCAG AA ✓ Pass

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

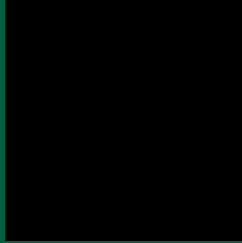
Any Text WCAG AA × Fail

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 006140 Background



This preview shows how black text looks on a background with the Hex color 006140.



This preview shows how white text looks on a background with the Hex color 006140.

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
006140

Protanopia
5B543B

Deuteranopia
625144



Tritanopia
225D64

Trichromacy



Original Color
006140

Protanomaly
3A593D

Deuteranomaly
3E5743

Tritanomaly
165E57

Monochromacy



Original Color
006140

Achromatopsia
404040

Achromatomaly
294C40

CSS Examples

Text

The CSS property to change the color of the text to Hex 006140 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 #006140 looks like.

```
.text, #text, p{  
    color:#006140  
}
```

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 #006140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006140
}
```

Border

The CSS property to change the border of an element to Hex 006140 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
#006140 }
```

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

```
.border{ border-color:#006140 }
```

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

Here you see how a box with a 4 pixel #006140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006140; -webkit-box-shadow:4px 4px  
4px 4px #006140; box-shadow:4px 4px 4px  
4px #006140 }
```

Background

The CSS property to change the background color of an element to Hex 006140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006140 }
```

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

```
.background{ background-color:#006140 }
```

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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