

Converting Colors

Hex(006276)

Have a look what the booklet for
Hex(006276) contains.

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Color

Hex(006276)

Conversions

Conversions Part 1

Format	Color
Hex	006276
RGB	0, 98, 118
RGB Percent	0%, 38%, 46%
CMY	1.0000, 0.6157, 0.5373
CMYK	1.00, 0.17, 0.00, 0.54
HSL	190°, 100%, 23%
HSV	190°, 100%, 46%
XYZ	7.6377, 10.0434, 18.6756
YIQ	70.9780, -64.8280, -14.5560

Conversions

Conversions Part 2

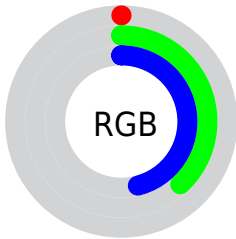
Format	Color
RYB	0, 54, 118
Decimal	25206
CIELab	37.92, -16.65, -18.16
CIELCh	38, 24.636, 227.477
Yxy	10.0434, 0.2101, 0.2762
Android (android.graphics.Color)	4278215286 (0xFF006276)
YUV	70.9780, 23.1818, -62.2477
Hunter-Lab	31.6913, -12.4407, -12.7555

Details

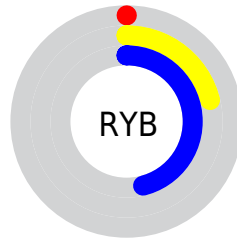
The Hex color **006276** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **761400**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4B95AA**, and **003346** is the 20% darker color. If you saturate the color by 10%, you get **006276**, and if you desaturate by 10%, it is **0C6476**.

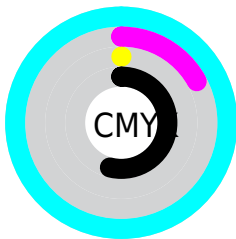
Distribution



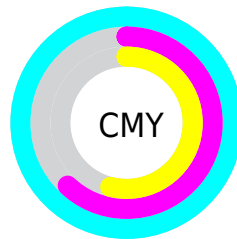
- Red (0%)
- Green (38%)
- Blue (46%)



- Red (0%)
- Yellow (21%)
- Blue (46%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006276 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 006276 by changing the saturation by 10% instead.

006276

006276

FFFFFF

004A5D

4B95AA

003346

68B0C5

001F2F

84CBE1

00011B

A0E7FE

000000

BCFFFF

D9FFFF

F7FFFF

006276

■ 0C6476

■ 186676

■ 236876

■ 2F6A76

■ 3B6C76

■ 476E76

■ 537076

■ 5E7276

■ 6A7476

Harmonies

Analogous

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



066465



006276



2C5E80

Triad

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



006276



7B4B62



5B5C33

Complementary

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



006276



761400

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.



6E5532



006276



804A4E

Square

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



006276



6A5074



7B4E3D



44613E

Rectangle

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



006276



445A81



7B4E3D



615A31

Sweetspot

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



006276



6B9199



007614



31484D



CCCCCC



4D4D4D

Same Dimension

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



006276



007F99



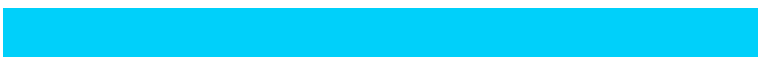
002776



353A3B



00667A



00D0FA

Inverse Universe

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



760062



99007F



764F00



3B353A



7A0066



FA00D0

Previews

White Background



This preview shows how the Hex color 006276 looks on a white background.

Color Contrast Check

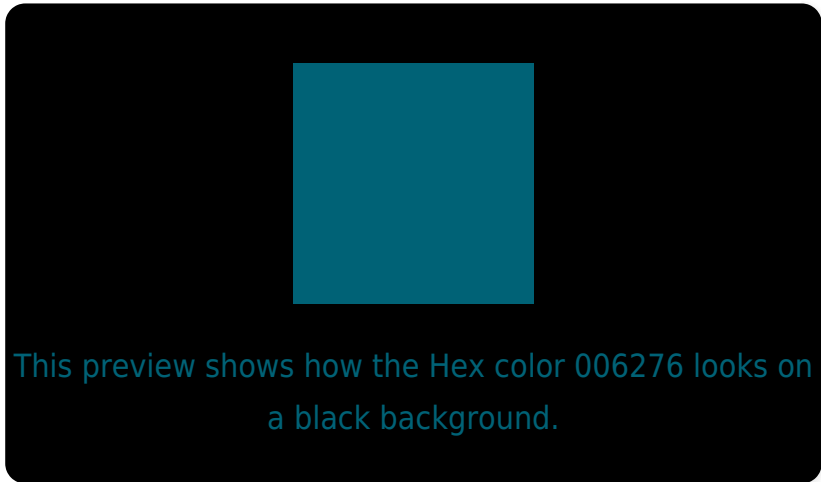
Large Text (above 18pt) WCAG AA ✓ Pass

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

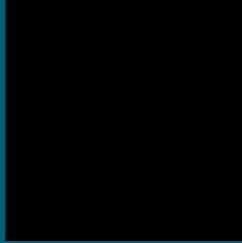
Any Text WCAG AA × Fail

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 006276 Background



This preview shows how black text looks on a background with the Hex color 006276.

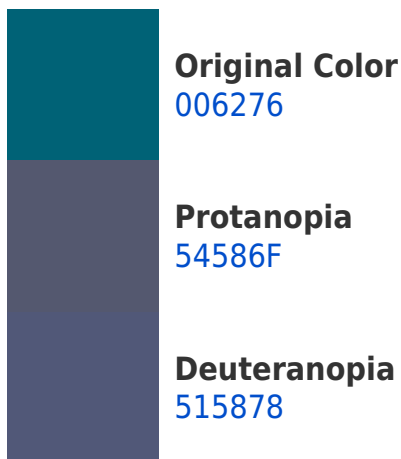


This preview shows how white text looks on a background with the Hex color 006276.

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](#).

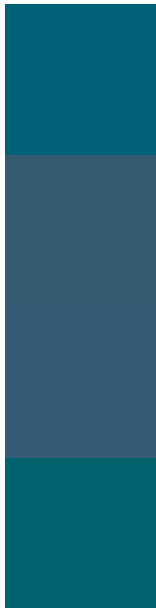
Dichromacy





Tritanopia
00636B

Trichromacy



Original Color
006276

Protanomaly
355C72

Deuteranomaly
345C77

Tritanomaly
00636F

Monochromacy



Original Color
006276

Achromatopsia
474747

Achromatomaly
2D5158

CSS Examples

Text

The CSS property to change the color of the text to Hex 006276 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 #006276 looks like.

```
.text, #text, p{  
    color:#006276  
}
```

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 #006276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006276
}
```

Border

The CSS property to change the border of an element to Hex 006276 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
#006276 }
```

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

```
.border{ border-color:#006276 }
```

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

Here you see how a box with a 4 pixel #006276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006276; -webkit-box-shadow:4px 4px  
4px 4px #006276; box-shadow:4px 4px 4px  
4px #006276 }
```

Background

The CSS property to change the background color of an element to Hex 006276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006276 }
```

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

```
.background{ background-color:#006276 }
```

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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