

Converting Colors

Hex(004068)

Have a look what the booklet for
Hex(004068) contains.

Hex(004068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(004068)

Conversions

Conversions Part 1

Format	Color
Hex	004068
RGB	0, 64, 104
RGB Percent	0%, 25%, 41%
CMY	1.0000, 0.7490, 0.5922
CMYK	1.00, 0.38, 0.00, 0.59
HSL	203°, 100%, 20%
HSV	203°, 100%, 41%
XYZ	4.3321, 4.6663, 13.7691
YIQ	49.4240, -50.9840, -1.1280

Conversions

Conversions Part 2

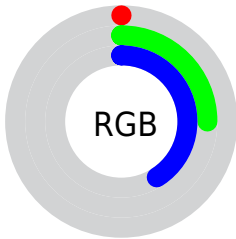
Format	Color
RYB	0, 40, 104
Decimal	16488
CIELab	25.76, -1.41, -28.38
CIELCh	26, 28.418, 267.166
Yxy	4.6663, 0.1903, 0.2050
Android (android.graphics.Color)	4278206568 (0xFF004068)
YUV	49.4240, 26.9060, -43.3448
Hunter-Lab	21.6015, -2.0054, -22.6710

Details

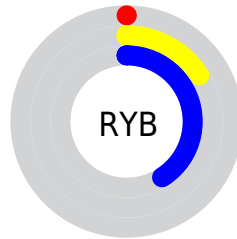
The Hex color **004068** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **682800**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **456F9B**, and **001638** is the 20% darker color. If you saturate the color by 10%, you get **004068**, and if you desaturate by 10%, it is **0A4468**.

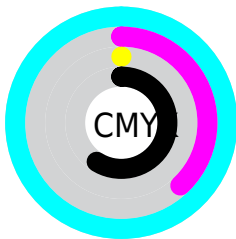
Distribution



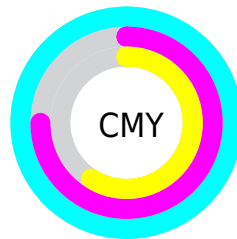
- Red (0%)
- Green (25%)
- Blue (41%)



- Red (0%)
- Yellow (16%)
- Blue (41%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004068 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 004068 by changing the saturation by 10% instead.

■ 004068

■ 004068

FFFFFF

■ 002A50

■ 456F9B

■ 001638

■ 6089B6

■ 000223

■ 7BA3D2

■ 000009

■ 96BEEF

■ 000000

■ B2DAFF

■ CFF6FF

■ ECFFFF

■ 004068

■ 0A4468

■ 154868

■ 1F4C68

■ 2A5068

■ 345468

■ 3E5868

■ 495C68

■ 536068

■ 5E6468

Harmonies

Analogous

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



004561



004068



3A3863

Triad

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



004068



642C2B



194625

Complementary

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



004068



682800

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.



354214



004068



5B3319

Square

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



004068



632A40



4B3B0F



00473A

Rectangle

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



004068



4E325B



4B3B0F



24441E

Sweetspot

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



004068



5F7887



006828



2C3B45



C4C4C4



454545

Same Dimension

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



004068



005387



000C68



2E3133



004773



0095F2

Inverse Universe

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



680040



870053



685C00



332E31



730047



F20095

Previews

White Background



This preview shows how the Hex color 004068 looks on a white background.

Color Contrast Check

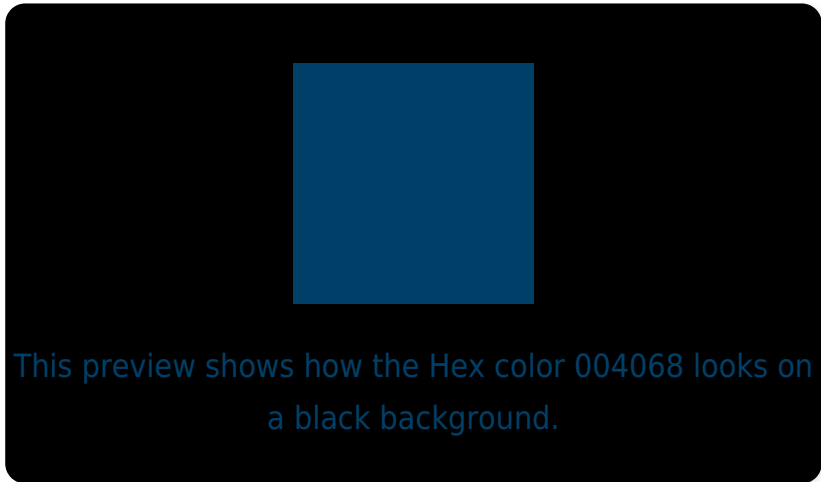
Large Text (above 18pt) WCAG AA ✓ Pass

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

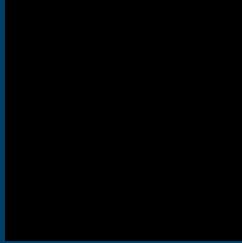
Any Text WCAG AA × Fail

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 004068 Background



This preview shows how black text looks on a background with the Hex color 004068.

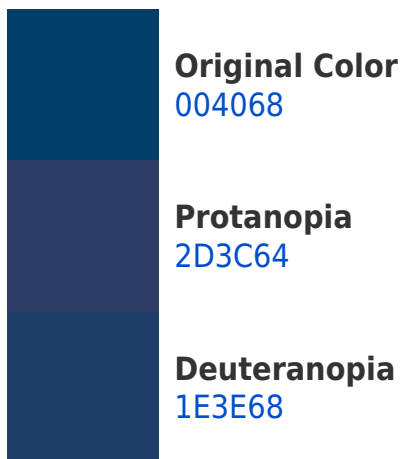


This preview shows how white text looks on a background with the Hex color 004068.

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



Trichromacy



Original Color
004068

Protanomaly
1D3D65

Deuteranomaly
133F68

Tritanomaly
004354

Monochromacy



Original Color
004068

Achromatopsia
313131

Achromatomaly
1F3645

CSS Examples

Text

The CSS property to change the color of the text to Hex 004068 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 #004068 looks like.

```
.text, #text, p{  
    color:#004068  
}
```

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 #004068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004068
}
```

Border

The CSS property to change the border of an element to Hex 004068 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
#004068 }
```

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

```
.border{ border-color:#004068 }
```

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

Here you see how a box with a 4 pixel #004068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004068; -webkit-box-shadow:4px 4px  
4px 4px #004068; box-shadow:4px 4px 4px  
4px #004068 }
```

Background

The CSS property to change the background color of an element to Hex 004068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004068 }
```

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

```
.background{ background-color:#004068 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor