

Converting Colors

Hex(006728)

Have a look what the booklet for
Hex(006728) contains.

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Color

Hex(006728)

Conversions

Conversions Part 1

Format	Color
Hex	006728
RGB	0, 103, 40
RGB Percent	0%, 40%, 16%
CMY	1.0000, 0.5961, 0.8431
CMYK	1.00, 0.00, 0.61, 0.60
HSL	143°, 100%, 20%
HSV	143°, 100%, 40%
XYZ	5.2333, 9.8537, 3.6336
YIQ	65.0210, -41.1650, -41.4290

Conversions

Conversions Part 2

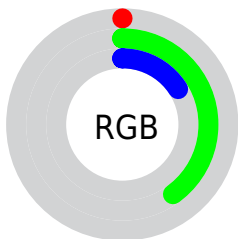
Format	Color
RYB	0, 74, 103
Decimal	26408
CIELab	37.58, -40.73, 27.99
CIELCh	38, 49.415, 145.504
Yxy	9.8537, 0.2795, 0.5264
Android (android.graphics.Color)	4278216488 (0xFF006728)
YUV	65.0210, -12.3354, -57.0234
Hunter-Lab	31.3906, -25.1751, 15.1103

Details

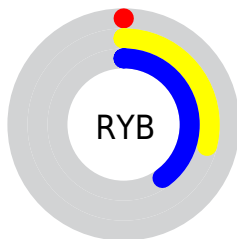
The Hex color **006728** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **67003F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **479B57**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **006728**, and if you desaturate by 10%, it is **0A672E**.

Distribution



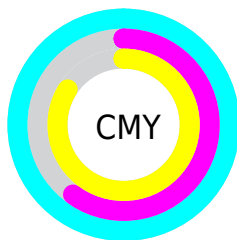
- Red (0%)
- Green (40%)
- Blue (16%)



- Red (0%)
- Yellow (29%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006728 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 006728 by changing the saturation by 10% instead.

 006728

 006728

FFFFFF

 004E11

 479B57

 003600

 62B670

 002200

 7ED28A

 000000

 99EFA5

 B5FFC0

 D2FFDC

 EFFFF9

 006728

 0A672E

 156735

 1F673B

 296741

 346747

 3E674E

 486754

 52675A

 5D6761

Harmonies

Analogous

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



4A6000



006728



006A51

Triad

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



006728



005FA8



9E3339

Complementary

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



006728



67003F

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.



9C2E60



006728



4B50A1

Square

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



006728



00679A



823D86



8D4414

Rectangle

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



006728



006B6D



823D86



9F2F46

Sweetspot

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



006728



5F876E



406700



2C4536



C4C4C4



454545

Same Dimension

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



006728



008734



00675B



2E3330



00732D



00F25E

Inverse Universe

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



67003F



870053



67000C



332E31



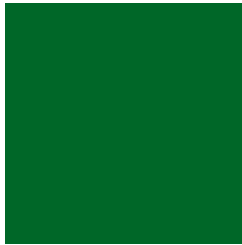
730046



F20094

Previews

White Background



This preview shows how the Hex color 006728 looks on a white background.

Color Contrast Check

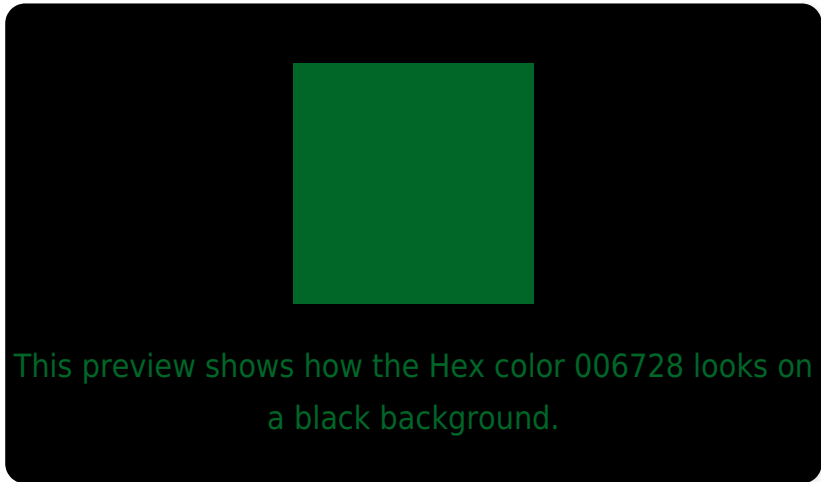
Large Text (above 18pt) WCAG AA ✓ Pass

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

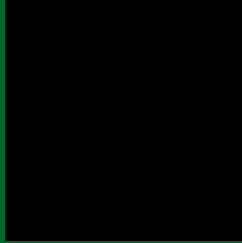
Any Text WCAG AA × Fail

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 006728 Background



This preview shows how black text looks on a background with the Hex color 006728.



This preview shows how white text looks on a background with the Hex color 006728.

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
006728

Protanopia
635924

Deuteranopia
6D542D



Tritanopia
296168

Trichromacy



Original Color
006728



Protanomaly
3F5E25



Deuteranomaly
455B2B



Tritanomaly
1A6351

Monochromacy



Original Color
006728



Achromatopsia
414141



Achromatomaly
294F38

CSS Examples

Text

The CSS property to change the color of the text to Hex 006728 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 #006728 looks like.

```
.text, #text, p{  
    color:#006728  
}
```

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 #006728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006728
}
```

Border

The CSS property to change the border of an element to Hex 006728 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
#006728 }
```

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

```
.border{ border-color:#006728 }
```

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

Here you see how a box with a 4 pixel #006728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006728; -webkit-box-shadow:4px 4px  
4px 4px #006728; box-shadow:4px 4px 4px  
4px #006728 }
```

Background

The CSS property to change the background color of an element to Hex 006728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006728 }
```

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

```
.background{ background-color:#006728 }
```

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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