

Converting Colors

Hex(006556)

Have a look what the booklet for
Hex(006556) contains.

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Color

Hex(006556)

Conversions

Conversions Part 1

Format	Color
Hex	006556
RGB	0, 101, 86
RGB Percent	0%, 40%, 34%
CMY	1.0000, 0.6039, 0.6627
CMYK	1.00, 0.00, 0.15, 0.60
HSL	171°, 100%, 20%
HSV	171°, 100%, 40%
XYZ	6.3334, 9.9792, 10.3965
YIQ	69.0910, -55.3810, -26.0770

Conversions

Conversions Part 2

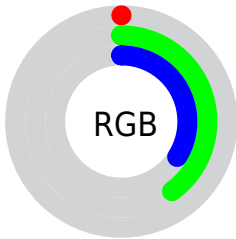
Format	Color
RYB	0, 55, 101
Decimal	25942
CIELab	37.81, -29.21, 1.36
CIElCh	38, 29.243, 177.344
Yxy	9.9792, 0.2371, 0.3736
Android (android.graphics.Color)	4278216022 (0xFF006556)
YUV	69.0910, 8.3361, -60.5928
Hunter-Lab	31.5899, -19.4954, 2.6002

Details

The Hex color **006556** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **65000F**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **479988**, and **003529** is the 20% darker color. If you saturate the color by 10%, you get **006556**, and if you desaturate by 10%, it is **0A6557**.

Distribution



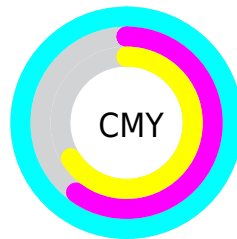
- Red (0%)
- Green (40%)
- Blue (34%)



- Red (0%)
- Yellow (22%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 006556 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 006556 by changing the saturation by 10% instead.

 006556

 006556

FFFFFF

 004D3F

 479988

 003529

 62B4A2

 002114

 7ECFBD

 000000

 99ECD9

 B6FFF5

 D2FFFF

 EFFFFFF

 006556

■ 0A6557

■ 146559

■ 1E655A

■ 28655C

■ 33655D

■ 3D655F

■ 476561

■ 516562

■ 5B6564

Harmonies

Analogous

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



35633F



006556



00656E

Triad

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



006556



585483



7B4E32

Complementary

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



006556



65000F

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.



854745



006556



744B73

Square

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



006556



2C5C88



83465C



695729

Rectangle

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



006556



00637B



83465C



804C37

Sweetspot

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



006556



5B827C



0F6500



2A423F



C2C2C2



424242

Same Dimension

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



006556



00826F



004265



2E3332



007362



00F2CE

Inverse Universe

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



65000F



820013



652300



332E2F



730011



F20024

Previews

White Background



This preview shows how the Hex color 006556 looks on a white background.

Color Contrast Check

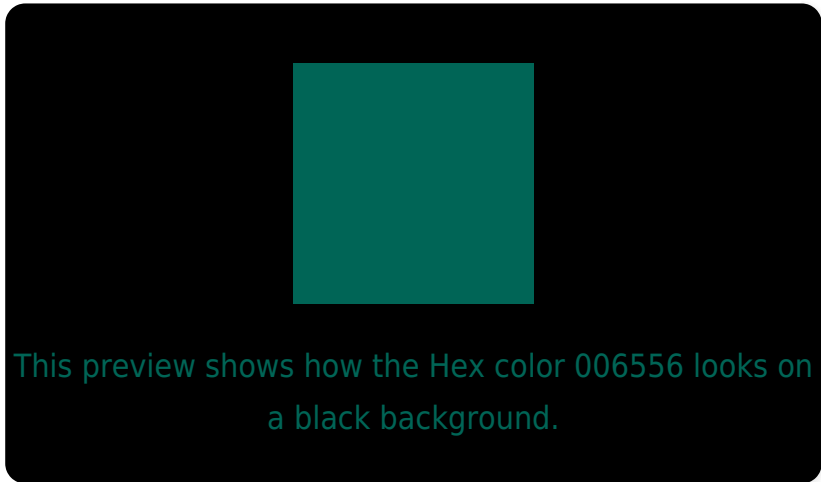
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

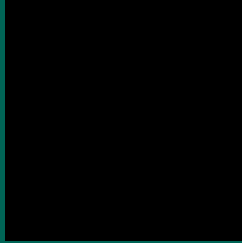
Any Text WCAG AA × Fail

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 006556 Background



This preview shows how black text looks on a background with the Hex color 006556.



This preview shows how white text looks on a background with the Hex color 006556.

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
006556

Protanopia
5D594F

Deuteranopia
615659



Tritanopia
1C626A

Trichromacy



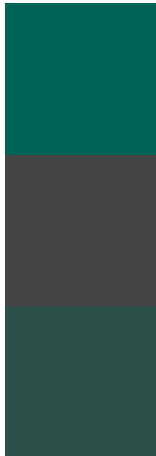
Original Color
006556

Protanomaly
3B5D52

Deuteranomaly
3E5B58

Tritanomaly
126363

Monochromacy



Original Color
006556

Achromatopsia
454545

Achromatomaly
2C514B

CSS Examples

Text

The CSS property to change the color of the text to Hex 006556 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 #006556 looks like.

```
.text, #text, p{  
    color:#006556  
}
```

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 #006556 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006556
}
```

Border

The CSS property to change the border of an element to Hex 006556 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
#006556 }
```

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

```
.border{ border-color:#006556 }
```

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

Here you see how a box with a 4 pixel #006556 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006556; -webkit-box-shadow:4px 4px  
4px 4px #006556; box-shadow:4px 4px 4px  
4px #006556 }
```

Background

The CSS property to change the background color of an element to Hex 006556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006556 }
```

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

```
.background{ background-color:#006556 }
```

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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