

Converting Colors

Hex(016C5C)

Have a look what the booklet for
Hex(016C5C) contains.

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Color

Hex(016C5C)

Conversions

Conversions Part 1

Format	Color
Hex	016C5C
RGB	1, 108, 92
RGB Percent	0%, 42%, 36%
CMY	0.9961, 0.5765, 0.6392
CMYK	0.99, 0.00, 0.15, 0.58
HSL	171°, 98%, 21%
HSV	171°, 99%, 42%
XYZ	7.3068, 11.5043, 11.9607
YIQ	74.1830, -58.6360, -27.6600

Conversions

Conversions Part 2

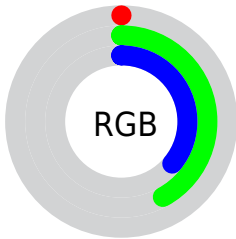
Format	Color
RYB	1, 59, 108
Decimal	93276
CIELab	40.42, -30.58, 1.49
CIELCh	40, 30.612, 177.217
Yxy	11.5043, 0.2375, 0.3739
Android (android.graphics.Color)	4278283356 (0xFF016C5C)
YUV	74.1830, 8.7838, -64.1815
Hunter-Lab	33.9180, -20.9027, 2.8349

Details

The Hex color **016C5C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C0111**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4AA08E**, and **003C2E** is the 20% darker color. If you saturate the color by 10%, you get **006C5C**, and if you desaturate by 10%, it is **0C6C5E**.

Distribution



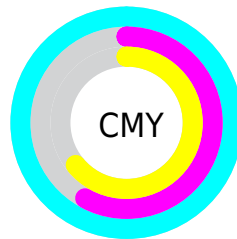
- Red (0%)
- Green (42%)
- Blue (36%)



- Red (0%)
- Yellow (23%)
- Blue (42%)



- Cyan (99%)
- Magenta (0%)
- Yellow (15%)
- Black (58%)




- Cyan (100%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 016C5C 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 016C5C by changing the saturation by 10% instead.

 016C5C

 016C5C

FFFFFF

 005345

 4AA08E

 003C2E

 66BBA9

 00261A

 81D7C4

 000300

 9DF4E0


 000000

 B9FFFC

 D6FFFF

 F4FFFF

 016C5C

 016C5C

■ 006C5C

■ 0C6C5E

■ 176C5F

■ 216C61

■ 2C6C62

■ 376C64

■ 426C66

■ 4D6C67

■ 576C69

■ 626C6B

Harmonies

Analogous

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



396A43



016C5C



006C75

Triad

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



016C5C



5E5A8C



845436

Complementary

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



016C5C



6C0111

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.



8E4D4A



016C5C



7C507B

Square

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



016C5C



306391



8C4B63



715D2C

Rectangle

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



016C5C



006A83



8C4B63



88513C

Sweetspot

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



016C5C



628C86



116C01



2E4744



C7C7C7



474747

Same Dimension

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



016C5C



008C77



01476C



303635



007564



00F5D0

Inverse Universe

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



6C0111



8C0015



6C2601



363031



750012



F50025

Previews

White Background



This preview shows how the Hex color 016C5C looks on a white background.

Color Contrast Check

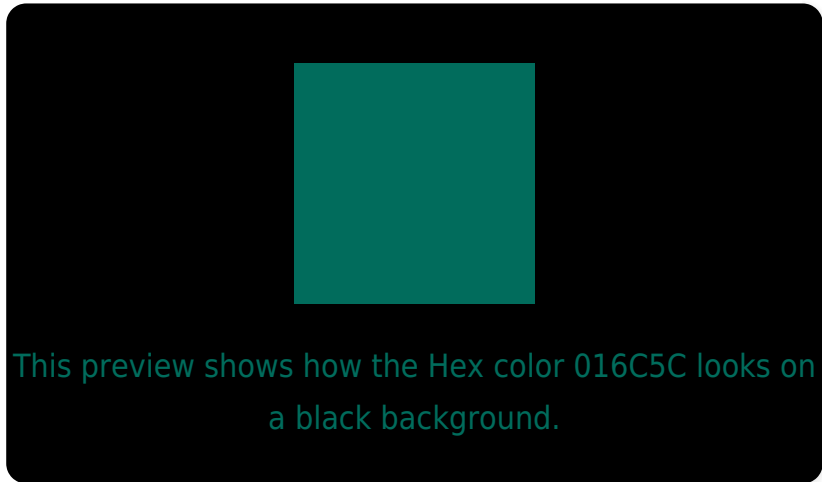
Large Text (above 18pt) WCAG AA ✓ Pass

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

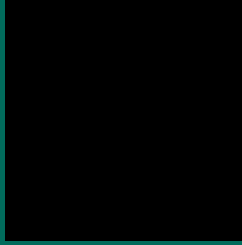
Any Text WCAG AA × Fail

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 016C5C Background



This preview shows how black text looks on a background with the Hex color 016C5C.

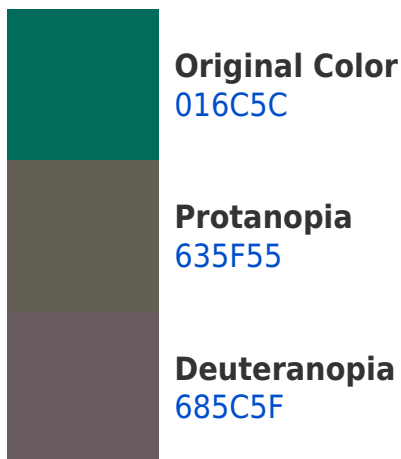


This preview shows how white text looks on a background with the Hex color 016C5C.

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
1E6972

Trichromacy



Original Color
016C5C

Protanomaly
3F6458

Deuteranomaly
43625E

Tritanomaly
136A6A

Monochromacy



Original Color
016C5C

Achromatopsia
4A4A4A

Achromatomaly
2F5651

CSS Examples

Text

The CSS property to change the color of the text to Hex 016C5C 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 #016C5C looks like.

```
.text, #text, p{  
    color:#016C5C  
}
```

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 #016C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016C5C
}
```

Border

The CSS property to change the border of an element to Hex 016C5C 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
#016C5C }
```

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

```
.border{ border-color:#016C5C }
```

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

Here you see how a box with a 4 pixel #016C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016C5C; -webkit-box-shadow:4px 4px  
4px 4px #016C5C; box-shadow:4px 4px 4px  
4px #016C5C }
```

Background

The CSS property to change the background color of an element to Hex 016C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016C5C }
```

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

```
.background{ background-color:#016C5C }
```

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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