

# Converting Colors

Hex(016D5A)

Have a look what the booklet for  
Hex(016D5A) contains.

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# Color

**Hex(016D5A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	016D5A
RGB	1, 109, 90
RGB Percent	0%, 43%, 35%
CMY	0.9961, 0.5725, 0.6471
CMYK	0.99, 0.00, 0.17, 0.57
HSL	169°, 98%, 22%
HSV	169°, 99%, 43%
XYZ	7.3266, 11.6819, 11.5415
YIQ	74.5420, -58.2690, -28.8050

# Conversions

## Conversions Part 2

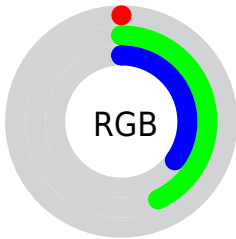
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 60, 109
Decimal	93530
CIELab	40.71, -31.63, 3.12
CIELCh	41, 31.782, 174.372
Yxy	11.6819, 0.2398, 0.3824
Android (android.graphics.Color)	4278283610 (0xFF016D5A)
YUV	74.5420, 7.6208, -64.4963
Hunter-Lab	34.1788, -21.5494, 3.9041

# Details

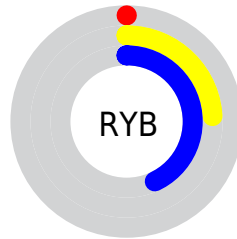
The Hex color **016D5A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D0114**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4AA18C**, and **003C2D** is the 20% darker color. If you saturate the color by 10%, you get **006D5A**, and if you desaturate by 10%, it is **0C6D5C**.

# Distribution



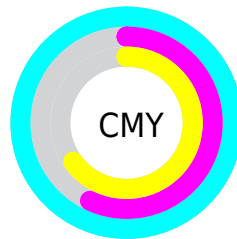
- Red (0%)
- Green (43%)
- Blue (35%)



- Red (0%)
- Yellow (24%)
- Blue (43%)



- Cyan (99%)
- Magenta (0%)
- Yellow (17%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 016D5A 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 016D5A by changing the saturation by 10% instead.



 016D5A

 016D5A

FFFFFF

 005443

 4AA18C

 003C2D

 66BDA6

 002718

 81D9C1

 000500

 9DF5DD

 000000

 BAFFFA

 D6FFFF

 F4FFFF

 016D5A

 016D5A

■ 006D5A

■ 0C6D5C

■ 176D5E

■ 226D60

■ 2D6D62

■ 376D64

■ 426D66

■ 4D6D67

■ 586D69

■ 636D6B

# Harmonies

## Analogous

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



3B6A41



016D5A



006D75

# Triad

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



016D5A



5A5B8F



875336

# Complementary

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



016D5A



6D0114

# 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.



914C4C



016D5A



7C517F

# Square

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



016D5A



266493



8E4B66



745D2B

# Rectangle

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



016D5A



006C84



8E4B66



8C503D



# Sweetspot

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



016D5A



648F87



156D01



2E4743



C7C7C7



474747



# Same Dimension

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



016D5A



008F76



014B6D



303635



007561



00F5CA



# Inverse Universe

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



6D0114



8F0019



6D2301



363031



750015



F5002B



# Previews

## White Background



This preview shows how the Hex color 016D5A 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

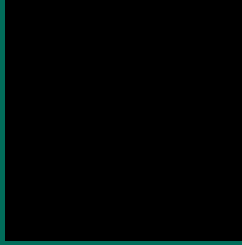
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 016D5A Background



This preview shows how black text looks on a background with the Hex color 016D5A.

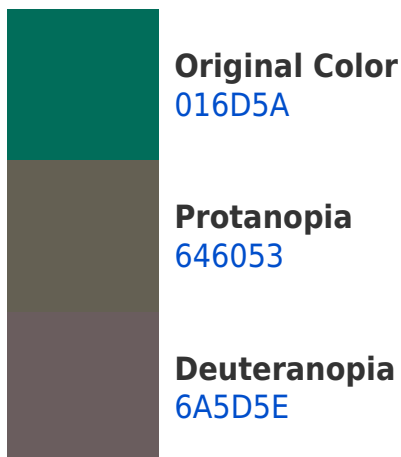


This preview shows how white text looks on a background with the Hex color 016D5A.

# 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**  
016D5A

**Protanomaly**  
406556

**Deuteranomaly**  
44635D

**Tritanomaly**  
156B69

# Monochromacy



**Original Color**  
016D5A

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
305750

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 016D5A 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 #016D5A looks like.

```
.text, #text, p{  
    color:#016D5A  
}
```

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 #016D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #016D5A
}
```

## Border

The CSS property to change the border of an element to Hex 016D5A 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
#016D5A }
```

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

```
.border{ border-color:#016D5A }
```

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

Here you see how a box with a 4 pixel #016D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #016D5A; -webkit-box-shadow:4px 4px  
4px 4px #016D5A; box-shadow:4px 4px 4px  
4px #016D5A }
```

# Background

The CSS property to change the background color of an element to Hex 016D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#016D5A }
```

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

```
.background{ background-color:#016D5A }
```

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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