

# Converting Colors

Hex(005D3D)

Have a look what the booklet for  
Hex(005D3D) contains.

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# Color

**Hex(005D3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	005D3D
RGB	0, 93, 61
RGB Percent	0%, 36%, 24%
CMY	1.0000, 0.6353, 0.7608
CMYK	1.00, 0.00, 0.34, 0.64
HSL	159°, 100%, 18%
HSV	159°, 100%, 36%
XYZ	4.7567, 8.1656, 5.7403
YIQ	61.5450, -45.1560, -29.6680

# Conversions

## Conversions Part 2

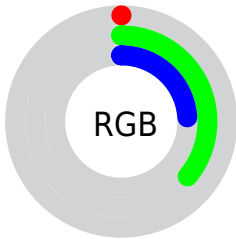
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 93
Decimal	23869
CIELab	34.33, -32.66, 11.77
CIELCh	34, 34.721, 160.176
Yxy	8.1656, 0.2549, 0.4375
Android (android.graphics.Color)	4278213949 (0xFF005D3D)
YUV	61.5450, -0.2687, -53.9750
Hunter-Lab	28.5756, -20.2943, 8.0926

# Details

The Hex color **005D3D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D0020**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **43906D**, and **002E13** is the 20% darker color. If you saturate the color by 10%, you get **005D3D**, and if you desaturate by 10%, it is **095D40**.

# Distribution



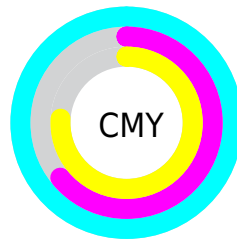
- Red (0%)
- Green (36%)
- Blue (24%)



- Red (0%)
- Yellow (22%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 005D3D 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 005D3D by changing the saturation by 10% instead.



 005D3D

 005D3D

FFFFFF

 004527

 43906D

 002E13

 5EAB86

 001800

 79C7A0

 000000

 94E3BB

 B0FFD7

 CCFFF3

 E9FFFF

 005D3D

■ 095D40

■ 135D43

■ 1C5D47

■ 255D4A

■ 2F5D4D

■ 385D50

■ 415D53

■ 4A5D57

■ 545D5A

# Harmonies

## Analogous

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



395924



005D3D



005E5A

# Triad

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



005D3D



2F5187



7F3E2E

# Complementary

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



005D3D



5D0020

# 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.



843848



005D3D



5F467B

# Square

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



005D3D



005984



793B64



6F491B

# Rectangle

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



005D3D



005E6C



793B64



823B37



# Sweetspot

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



005D3D



54786B



215D00



273D36



BDBDBD



3D3D3D



# Same Dimension

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



005D3D



00784F



004F5D



292E2C



006E48



00ED9C



# Inverse Universe

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



5D0020



780029



5D0E00



2E292B



6E0026



ED0052



# Previews

## White Background



This preview shows how the Hex color 005D3D looks on a white background.

## Color Contrast Check

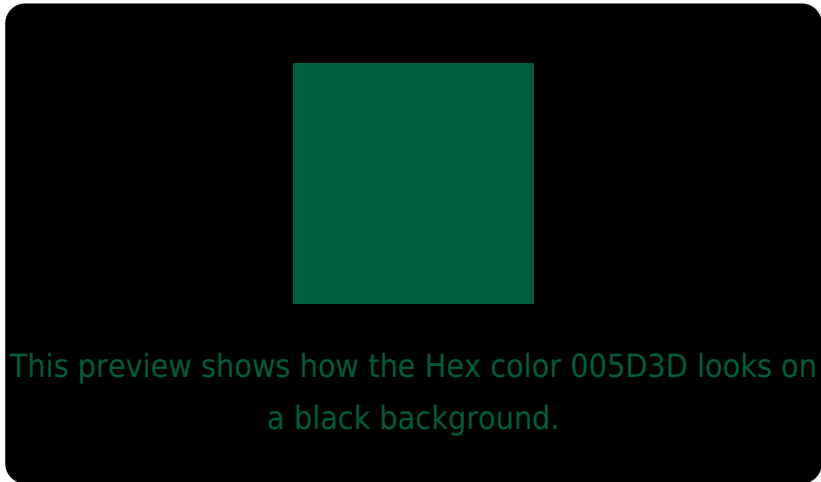
Large Text (above 18pt) WCAG AA ✓ Pass

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 005D3D Background



This preview shows how black text looks on a background with the Hex color 005D3D.

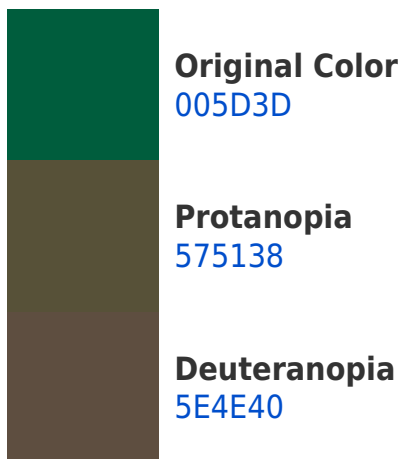



This preview shows how white text looks on a background with the Hex color 005D3D.

# 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



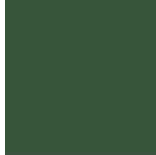


**Tritanopia**  
205960

# Trichromacy



**Original Color**  
005D3D



**Protanomaly**  
37553A



**Deuteranomaly**  
3C533F



**Tritanomaly**  
145A53

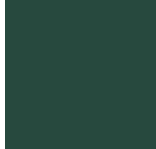
# Monochromacy



**Original Color**  
005D3D



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
27493E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 005D3D 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 #005D3D looks like.

```
.text, #text, p{  
    color:#005D3D  
}
```

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 #005D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005D3D
}
```

## Border

The CSS property to change the border of an element to Hex 005D3D 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
#005D3D }
```

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

```
.border{ border-color:#005D3D }
```

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

Here you see how a box with a 4 pixel #005D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005D3D; -webkit-box-shadow:4px 4px  
4px 4px #005D3D; box-shadow:4px 4px 4px  
4px #005D3D }
```

# Background

The CSS property to change the background color of an element to Hex 005D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005D3D }
```

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

```
.background{ background-color:#005D3D }
```

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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