

# Converting Colors

Hex(16613D)

Have a look what the booklet for  
Hex(16613D) contains.

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# Color

**Hex(16613D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	16613D
RGB	22, 97, 61
RGB Percent	9%, 38%, 24%
CMY	0.9137, 0.6196, 0.7608
CMYK	0.77, 0.00, 0.37, 0.62
HSL	151°, 63%, 23%
HSV	151°, 77%, 38%
XYZ	5.4479, 9.0569, 5.8759
YIQ	70.4710, -33.1440, -27.0960

# Conversions

## Conversions Part 2

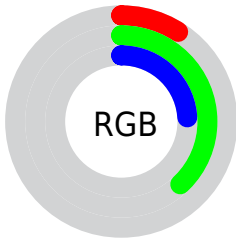
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 71, 97
Decimal	1466685
CIE <sub>Lab</sub>	36.09, -31.76, 14.24
CIE <sub>LCh</sub>	36, 34.805, 155.854
Yxy	9.0569, 0.2673, 0.4444
Android (android.graphics.Color)	4279656765 (0xFF16613D)
YUV	70.4710, -4.6692, -42.5091
Hunter-Lab	30.0947, -20.3527, 9.4900

# Details

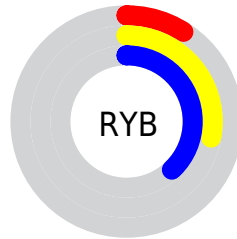
The Hex color **16613D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61163A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4E946D**, and **003112** is the 20% darker color. If you saturate the color by 10%, you get **0C6138**, and if you desaturate by 10%, it is **206142**.

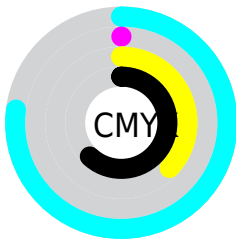
# Distribution



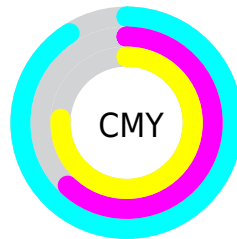
- Red (9%)
- Green (38%)
- Blue (24%)



- Red (9%)
- Yellow (28%)
- Blue (38%)



- Cyan (77%)
- Magenta (0%)
- Yellow (37%)
- Black (62%)



- Cyan (91%)
- Magenta (62%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 16613D 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 16613D by changing the saturation by 10% instead.



 16613D

 16613D

FFFFFF

 004927

 4E946D

 003112

 68AF86

 001E00

 83CBA0

 000000

 9EE7BB

 BAFFD7

 D6FFF4

 F3FFFF

 16613D

 16613D

■ 0C6138

■ 206142

■ 036134

■ 296146

■ 006132

■ 33614B

■ 3D6150

■ 476154

■ 506159

■ 5A615E

■ 646162

■ 6D6167

# Harmonies

## Analogous

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



425D25



16613D



00635A

# Triad

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



16613D



29568C



854136

# Complementary

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



16613D



61163A

# 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.



883C51



16613D



5E4B82

# Square

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



16613D



005E87



7B416C



774B21

# Rectangle

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



16613D



00626C



7B416C



883E3E



# Sweetspot

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



16613D



607D6F



3A6116



2E4037



BFBFBF



404040



# Same Dimension

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



16613D



097D45



166061



2C302E



00703A



00F07D



# Inverse Universe

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



61163A



7D0941



611716



302C2E



700036

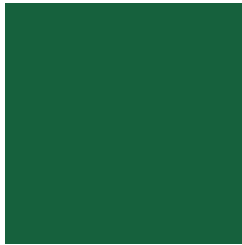


F00073



# Previews

## White Background



This preview shows how the Hex color 16613D looks on a white background.

## Color Contrast Check

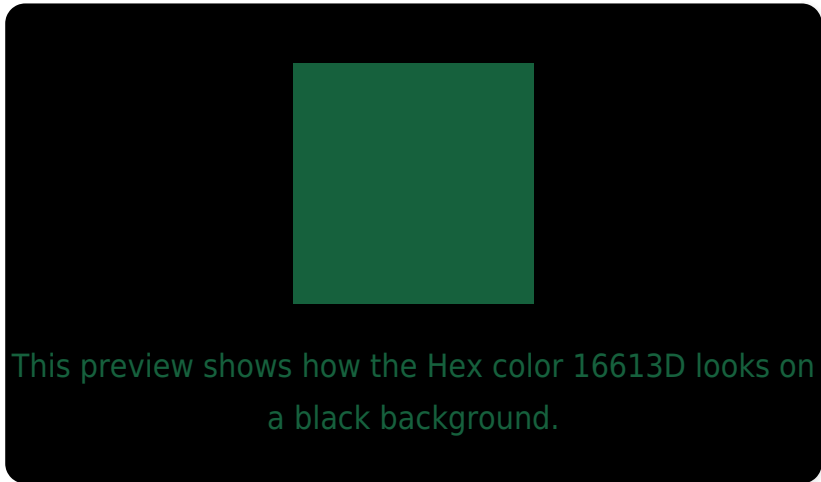
Large Text (above 18pt) WCAG AA ✓ Pass

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

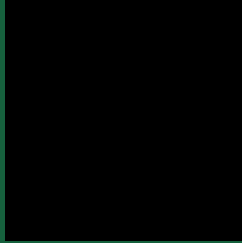
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 16613D Background



This preview shows how black text looks on a background with the Hex color 16613D.



This preview shows how white text looks on a background with the Hex color 16613D.

# 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**  
16613D

**Protanopia**  
5C5538

**Deuteranopia**  
635141



**Tritanopia**  
285C64

# Trichromacy



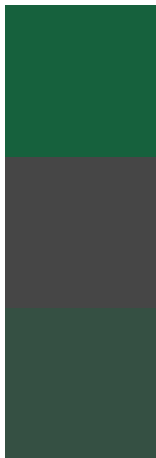
**Original Color**  
16613D

**Protanomaly**  
43593A

**Deuteranomaly**  
475740

**Tritanomaly**  
215E56

# Monochromacy



**Original Color**  
16613D

**Achromatopsia**  
464646

**Achromatomaly**  
355043

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 16613D 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 #16613D looks like.

```
.text, #text, p{  
    color:#16613D  
}
```

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 #16613D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16613D
}
```

## Border

The CSS property to change the border of an element to Hex 16613D 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
#16613D }
```

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

```
.border{ border-color:#16613D }
```

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

Here you see how a box with a 4 pixel #16613D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16613D; -webkit-box-shadow:4px 4px  
4px 4px #16613D; box-shadow:4px 4px 4px  
4px #16613D }
```

# Background

The CSS property to change the background color of an element to Hex 16613D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16613D }
```

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

```
.background{ background-color:#16613D }
```

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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