

# Converting Colors

Hex(13674F)

Have a look what the booklet for  
Hex(13674F) contains.

<b>Hex(13674F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(13674F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	13674F
RGB	19, 103, 79
RGB Percent	7%, 40%, 31%
CMY	0.9255, 0.5961, 0.6902
CMYK	0.82, 0.00, 0.23, 0.60
HSL	163°, 69%, 24%
HSV	163°, 82%, 40%
XYZ	6.5301, 10.4035, 9.0610
YIQ	75.1480, -42.3600, -25.2720

# Conversions

## Conversions Part 2

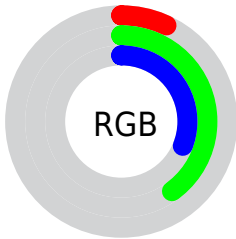
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 68, 103
Decimal	1271631
CIE <sub>Lab</sub>	38.56, -30.38, 6.75
CIE <sub>LCh</sub>	39, 31.115, 167.478
Yxy	10.4035, 0.2512, 0.4002
Android (android.graphics.Color)	4279461711 (0xFF13674F)
YUV	75.1480, 1.8990, -49.2418
Hunter-Lab	32.2544, -20.3068, 5.9221

# Details

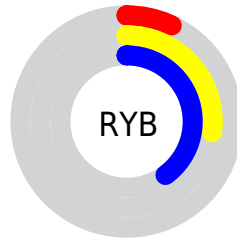
The Hex color **13674F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **67132B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **4E9B80**, and **003723** is the 20% darker color. If you saturate the color by 10%, you get **09674C**, and if you desaturate by 10%, it is **1D6752**.

# Distribution



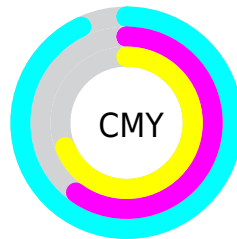
- Red (7%)
- Green (40%)
- Blue (31%)



- Red (7%)
- Yellow (27%)
- Blue (40%)



- Cyan (82%)
- Magenta (0%)
- Yellow (23%)
- Black (60%)



- Cyan (93%)
- Magenta (60%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13674F 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 13674F by changing the saturation by 10% instead.



 13674F

 13674F

FFFFFF

 004E38

 4E9B80

 003723

 69B69A

 00230D

 84D2B5

 000000

 A0EED0

 BCF FED

 D8FFFF

 F5FFFF

 13674F

 13674F

■ 09674C

■ 1D6752

■ 00674A

■ 286755

■ 326758

■ 3C675B

■ 47675E

■ 516761

■ 5B6764

■ 656767

■ 706769

# Harmonies

## Analogous

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



3F6437



13674F



006869

# Triad

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



13674F



4C588B



844D37

# Complementary

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



13674F



67132B

# 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.



8B464D



13674F



6F4E7D

# Square

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



13674F



0A608C



844766



735629

# Rectangle

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



13674F



006779



844766



874A3D



# Sweetspot

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



13674F



67877E



2C6713



31453F



C4C4C4



454545



# Same Dimension

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



13674F



038761



135667



2E3332



007352



00F2AD



# Inverse Universe

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



67132B



870329



672413



332E2F



730021



F20045



# Previews

## White Background



This preview shows how the Hex color 13674F looks on a white background.

## Color Contrast Check

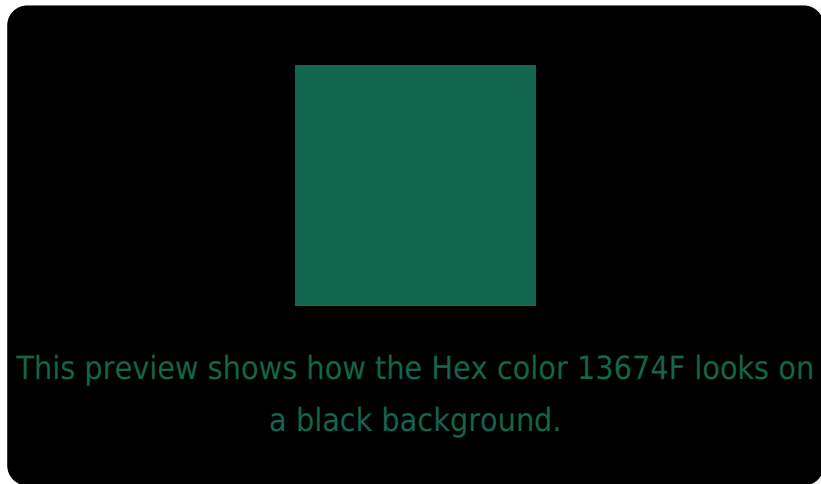
Large Text (above 18pt) WCAG AA ✓ Pass

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

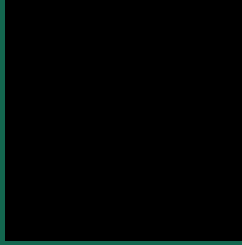
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 13674F Background



This preview shows how black text looks on a background with the Hex color 13674F.



This preview shows how white text looks on a background with the Hex color 13674F.

# 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**  
13674F

**Protanopia**  
605A49

**Deuteranopia**  
665752



**Tritanopia**  
25636B

# Trichromacy



**Original Color**  
13674F

**Protanomaly**  
445F4B

**Deuteranomaly**  
485D51

**Tritanomaly**  
1E6461

# Monochromacy



**Original Color**  
13674F

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
37554C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13674F 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 #13674F looks like.

```
.text, #text, p{  
    color:#13674F  
}
```

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 #13674F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13674F
}
```

## Border

The CSS property to change the border of an element to Hex 13674F 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
#13674F }
```

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

```
.border{ border-color:#13674F }
```

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

Here you see how a box with a 4 pixel #13674F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13674F; -webkit-box-shadow:4px 4px  
4px 4px #13674F; box-shadow:4px 4px 4px  
4px #13674F }
```

# Background

The CSS property to change the background color of an element to Hex 13674F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13674F }
```

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

```
.background{ background-color:#13674F }
```

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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