

# Converting Colors

Hex(164F3F)

Have a look what the booklet for  
Hex(164F3F) contains.

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# Color

Hex(164F3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	164F3F
RGB	22, 79, 63
RGB Percent	9%, 31%, 25%
CMY	0.9137, 0.6902, 0.7529
CMYK	0.72, 0.00, 0.20, 0.69
HSL	163°, 56%, 20%
HSV	163°, 72%, 31%
XYZ	4.0241, 6.1214, 5.6721
YIQ	60.1330, -28.8360, -17.0600

# Conversions

## Conversions Part 2

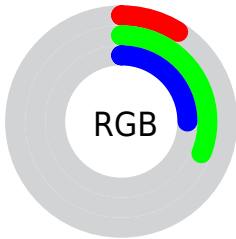
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 55, 79
Decimal	1462079
CIE Lab	29.72, -22.79, 4.13
CIE LCh	30, 23.160, 169.735
Yxy	6.1214, 0.2544, 0.3870
Android (android.graphics.Color)	4279652159 (0xFF164F3F)
YUV	60.1330, 1.4134, -33.4426
Hunter-Lab	24.7415, -14.2656, 3.7266

# Details

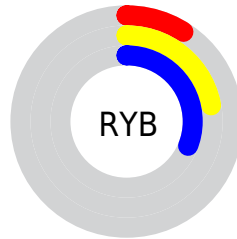
The Hex color **164F3F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4F1626**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4A816F**, and **002215** is the 20% darker color. If you saturate the color by 10%, you get **0E4F3D**, and if you desaturate by 10%, it is **1E4F41**.

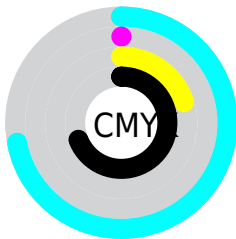
# Distribution



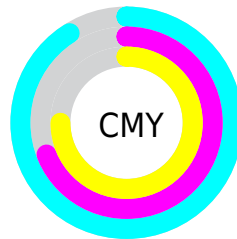
- Red (9%)
- Green (31%)
- Blue (25%)



- Red (9%)
- Yellow (22%)
- Blue (31%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 164F3F 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 164F3F by changing the saturation by 10% instead.



 164F3F

 164F3F

FFFFFF

 003829

 4A816F

 002215

 639B88

 000000

 7DB6A2

 98D2BD

 B3EED9

 CFFFF5

 ECF5F5

 164F3F

 164F3F

■ 0E4F3D

■ 1E4F41

■ 064F3B

■ 264F43

■ 004F39

■ 2E4F46

■ 364F48

■ 3E4F4A

■ 454F4C

■ 4D4F4F

■ 554F51

■ 5D4F53

# Harmonies

## Analogous

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



314D2E



164F3F



004F52

# Triad

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



164F3F



3E4468



633C2B

# Complementary

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



164F3F



4F1626

# 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.



69383B



164F3F



563D5D

# Square

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



164F3F



1C4A69



65384D



574322

# Rectangle

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



164F3F



004E5C



65384D



663B30



# Sweetspot

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



164F3F



506660



264F16



26332F



B3B3B3



333333



# Same Dimension

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



164F3F



0D664D



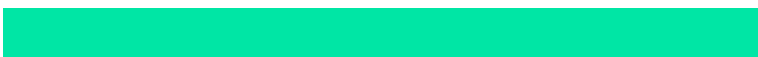
16434F



222625



006649



00E6A5



# Inverse Universe

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



4F1626



660D26



4F2216



262223



66001D

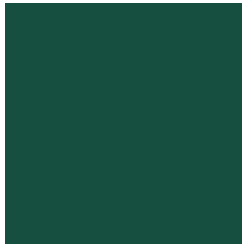


E60040



# Previews

## White Background



This preview shows how the Hex color 164F3F looks on a white background.

## Color Contrast Check

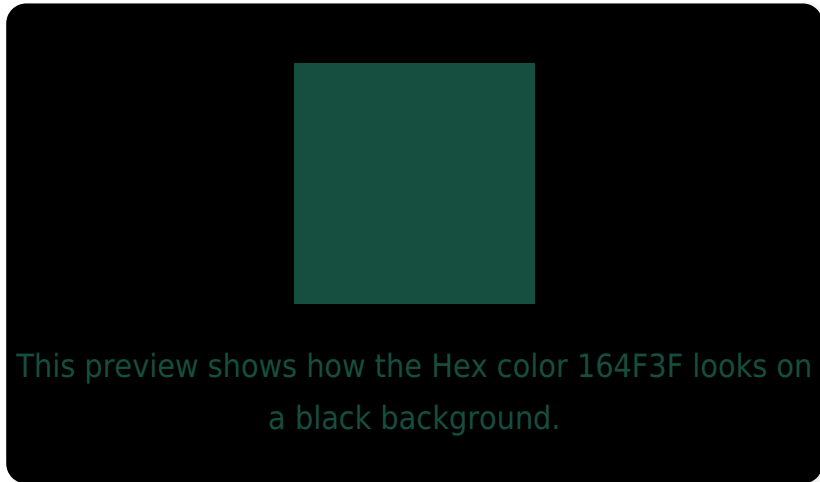
Large Text (above 18pt) WCAG AA ✓ Pass

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

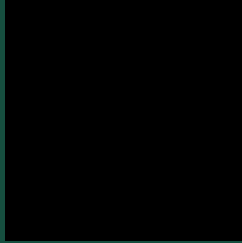
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 164F3F Background



This preview shows how black text looks on a background with the Hex color 164F3F.



This preview shows how white text looks on a background with the Hex color 164F3F.

# 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](#).

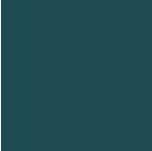
## Dichromacy



**Original Color**  
164F3F

**Protanopia**  
4A463A

**Deuteranopia**  
4E4342



**Tritanopia**  
1F4C53

# Trichromacy



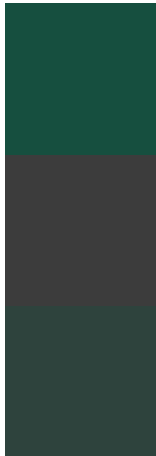
**Original Color**  
164F3F

**Protanomaly**  
37493C

**Deuteranomaly**  
3A4741

**Tritanomaly**  
1C4D4C

# Monochromacy



**Original Color**  
164F3F

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
2E433D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 164F3F 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 #164F3F looks like.

```
.text, #text, p{  
    color:#164F3F  
}
```

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 #164F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #164F3F
}
```

## Border

The CSS property to change the border of an element to Hex 164F3F 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
#164F3F }
```

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

```
.border{ border-color:#164F3F }
```

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

Here you see how a box with a 4 pixel #164F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #164F3F; -webkit-box-shadow:4px 4px  
4px 4px #164F3F; box-shadow:4px 4px 4px  
4px #164F3F }
```

# Background

The CSS property to change the background color of an element to Hex 164F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#164F3F }
```

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

```
.background{ background-color:#164F3F }
```

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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