

# Converting Colors

Hex(18433F)

Have a look what the booklet for  
Hex(18433F) contains.

<b>Hex(18433F)</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(18433F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18433F
RGB	24, 67, 63
RGB Percent	9%, 26%, 25%
CMY	0.9059, 0.7373, 0.7529
CMYK	0.64, 0.00, 0.06, 0.74
HSL	174°, 47%, 18%
HSV	174°, 64%, 26%
XYZ	3.2810, 4.5674, 5.4113
YIQ	53.6870, -24.3440, -10.3600

# Conversions

## Conversions Part 2

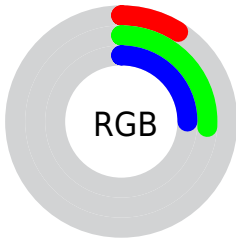
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 47, 67
Decimal	1590079
CIE <sub>Lab</sub>	25.46, -15.93, -2.04
CIE <sub>LCh</sub>	25, 16.056, 187.303
Yxy	4.5674, 0.2474, 0.3445
Android (android.graphics.Color)	4279780159 (0xFF18433F)
YUV	53.6870, 4.5913, -26.0355
Hunter-Lab	21.3714, -9.9958, -0.0523

# Details

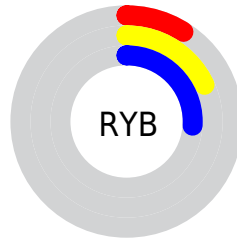
The Hex color **18433F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43181C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **49736F**, and **001915** is the 20% darker color. If you saturate the color by 10%, you get **11433E**, and if you desaturate by 10%, it is **1F4340**.

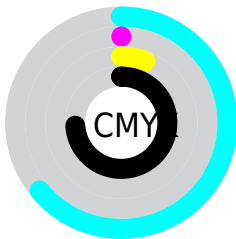
# Distribution



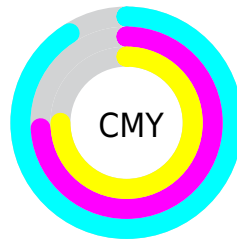
- Red (9%)
- Green (26%)
- Blue (25%)



- Red (9%)
- Yellow (18%)
- Blue (26%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (74%)



- Cyan (91%)
- Magenta (74%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 18433F 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 18433F by changing the saturation by 10% instead.



■ 18433F

■ 18433F

FFFFFF

■ 002D29

■ 49736F

■ 001915

■ 628D88

■ 000000

■ 7BA7A2

■ 96C3BD

■ B1DFD9

■ CDFBF5

■ E9FFFF

■ 18433F

■ 18433F

■ 11433E

■ 1F4340

■ 0B433E

■ 254340

■ 04433D

■ 2C4341

■ 00433D

■ 334341

■ 394342

■ 404343

■ 474343

■ 4E4344

■ 544345

# Harmonies

## Analogous

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



264233



18433F



12424B

# Triad

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



18433F



423850



4D3826

# Complementary

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



18433F



43181C

# 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.



53352E



18433F



4E3446

# Square

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



18433F



303D54



54333A



423D24

# Rectangle

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



18433F



184150



54333A



4F3728



# Sweetspot

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



18433F



465755



1C4318



212B2A



ABABAB



2B2B2B



# Same Dimension

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



18433F



145750



183243



1E2121



006158



00E0CC



# Inverse Universe

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



43181C



57141A



432918



211E1E



610009



E00015



# Previews

## White Background



This preview shows how the Hex color 18433F looks on a white background.

## Color Contrast Check

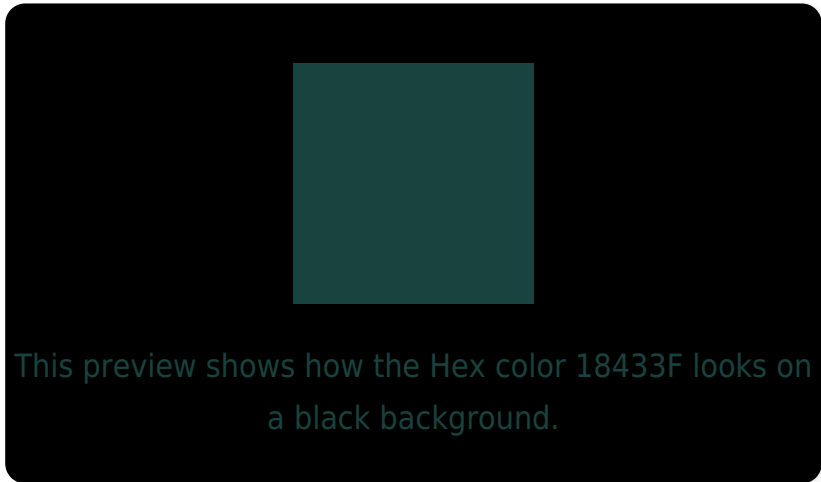
Large Text (above 18pt) WCAG AA ✓ Pass

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

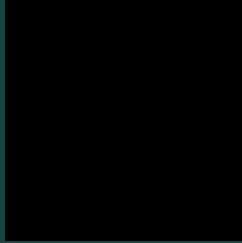
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 18433F Background



This preview shows how black text looks on a background with the Hex color 18433F.



This preview shows how white text looks on a background with the Hex color 18433F.

# 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**  
18433F

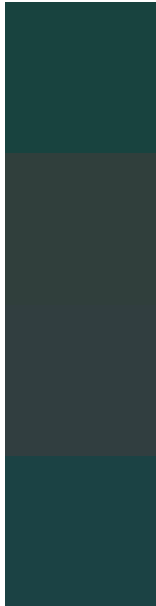
**Protanopia**  
3E3C3B

**Deuteranopia**  
403B41



**Tritanopia**  
1C4247

# Trichromacy



**Original Color**  
18433F

**Protanomaly**  
303F3C

**Deuteranomaly**  
313E40

**Tritanomaly**  
1B4244

# Monochromacy



**Original Color**  
18433F

**Achromatopsia**  
363636

**Achromatomaly**  
2B3B39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 18433F 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 #18433F looks like.

```
.text, #text, p{  
    color:#18433F  
}
```

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 #18433F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18433F
}
```

## Border

The CSS property to change the border of an element to Hex 18433F 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
#18433F }
```

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

```
.border{ border-color:#18433F }
```

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

Here you see how a box with a 4 pixel #18433F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18433F; -webkit-box-shadow:4px 4px  
4px 4px #18433F; box-shadow:4px 4px 4px  
4px #18433F }
```

# Background

The CSS property to change the background color of an element to Hex 18433F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18433F }
```

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

```
.background{ background-color:#18433F }
```

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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