

Converting Colors

Hex(1F4739)

Have a look what the booklet for
Hex(1F4739) contains.

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Color

Hex(1F4739)

Conversions

Conversions Part 1

Format	Color
Hex	1F4739
RGB	31, 71, 57
RGB Percent	12%, 28%, 22%
CMY	0.8784, 0.7216, 0.7765
CMYK	0.56, 0.00, 0.20, 0.72
HSL	159°, 39%, 20%
HSV	159°, 56%, 28%
XYZ	3.5568, 5.0932, 4.6665
YIQ	57.4440, -19.3460, -12.8340

Conversions

Conversions Part 2

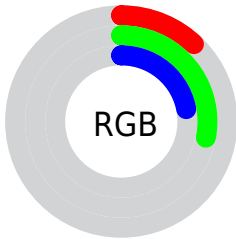
Format	Color
R_{YB}	31, 55, 71
Decimal	2049849
CIE _{Lab}	27.00, -18.10, 4.14
CIE _{LCh}	27, 18.566, 167.100
Yxy	5.0932, 0.2671, 0.3825
Android (android.graphics.Color)	4280239929 (0xFF1F4739)
YUV	57.4440, -0.2189, -23.1914
Hunter-Lab	22.5681, -11.3618, 3.5380




Details

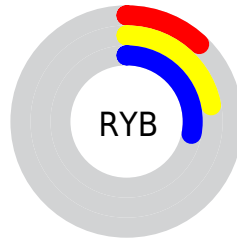
The Hex color **1F4739** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471F2D**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **4F7868**, and **001C0E** is the 20% darker color. If you saturate the color by 10%, you get **184737**, and if you desaturate by 10%, it is **26473B**.

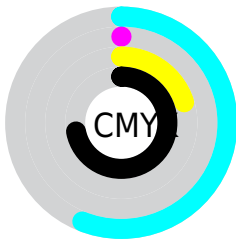
Distribution







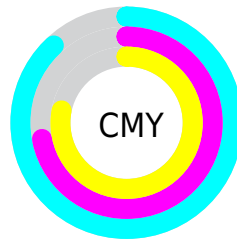
-  Red (12%)
-  Green (28%)
-  Blue (22%)






-  Red (12%)
-  Yellow (22%)
-  Blue (28%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (20%)
-  Black (72%)



-  Cyan (88%)
-  Magenta (72%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4739 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 1F4739 by changing the saturation by 10% instead.



1F4739



1F4739

FFFFFF



063024



4F7868



001C0E



689281



000000



81AC9B



9CC8B6



B7E4D1



D3FFEE



FFFFFF



1F4739



1F4739

■ 184737

■ 26473B

■ 114734

■ 2D473E

■ 0A4732

■ 344740

■ 03472F

■ 3B4743

■ 00472E

■ 434745

■ 4A4748

■ 51474A

■ 58474D

■ 5F474F

Harmonies

Analogous

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



31452C



1F4739



0B4748

Triad

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



1F4739



383E5B



58382C

Complementary

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



1F4739



471F2D

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.



5C3538



1F4739



4C3953

Square

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



1F4739



21435B



583547



4F3D24

Rectangle

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



1F4739



064750



583547



5A372F

Sweetspot

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



1F4739



4C5C56



2D471F



252E2B



ADADAD



2E2E2E

Same Dimension

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



1F4739



1D5C46



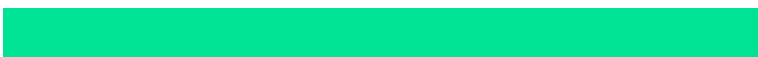
1F4147



202422



006341



00E394

Inverse Universe

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



471F2D



5C1D33



47251F



242021



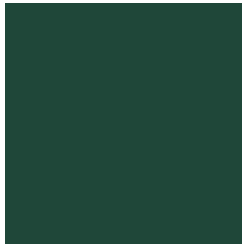
630023



E3004F

Previews

White Background



This preview shows how the Hex color 1F4739 looks on a white background.

Color Contrast Check

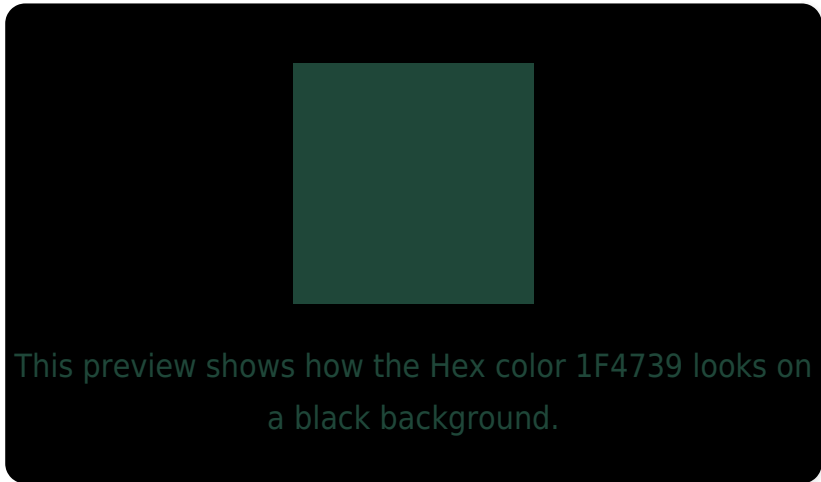
Large Text (above 18pt) WCAG AA ✓ Pass

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

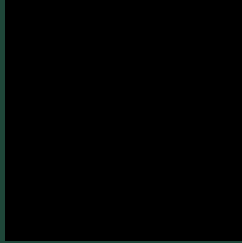
Any Text WCAG AA × Fail

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 1F4739 Background



This preview shows how black text looks on a background with the Hex color 1F4739.



This preview shows how white text looks on a background with the Hex color 1F4739.

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](#).

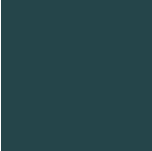
Dichromacy



Original Color
1F4739

Protanopia
433F35

Deuteranopia
473D3B



Tritanopia
25454A

Trichromacy



Original Color
1F4739

Protanomaly
364236

Deuteranomaly
38413A

Tritanomaly
234644

Monochromacy



Original Color
1F4739

Achromatopsia
393939

Achromatomaly
303E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4739 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 #1F4739 looks like.

```
.text, #text, p{  
    color:#1F4739  
}
```

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 #1F4739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4739
}
```

Border

The CSS property to change the border of an element to Hex 1F4739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

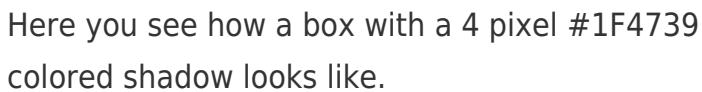
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F4739 }
```

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

```
.border{ border-color:#1F4739 }
```

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



Here you see how a box with a 4 pixel #1F4739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4739; -webkit-box-shadow:4px 4px  
4px 4px #1F4739; box-shadow:4px 4px 4px  
4px #1F4739 }
```

Background

The CSS property to change the background color of an element to Hex 1F4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4739 }
```

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

```
.background{ background-color:#1F4739 }
```

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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