

Converting Colors

Hex(1F4F49)

Have a look what the booklet for
Hex(1F4F49) contains.

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Color

Hex(1F4F49)

Conversions

Conversions Part 1

Format	Color
Hex	1F4F49
RGB	31, 79, 73
RGB Percent	12%, 31%, 29%
CMY	0.8784, 0.6902, 0.7137
CMYK	0.61, 0.00, 0.08, 0.69
HSL	172°, 44%, 22%
HSV	172°, 61%, 31%
XYZ	4.5637, 6.3643, 7.2912
YIQ	63.9640, -26.6820, -12.0420

Conversions

Conversions Part 2

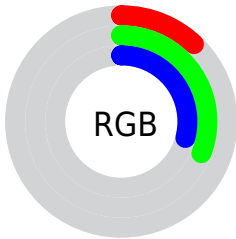
Format	Color
R_{YB}	31, 57, 79
Decimal	2051913
CIE _{Lab}	30.31, -17.90, -1.37
CIE _{LCh}	30, 17.949, 184.363
Yxy	6.3643, 0.2505, 0.3493
Android (android.graphics.Color)	4280241993 (0xFF1F4F49)
YUV	63.9640, 4.4547, -28.9094
Hunter-Lab	25.2276, -11.8577, 0.5234

Details

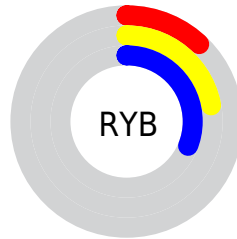
The Hex color **1F4F49** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F1F25**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **518079**, and **00221E** is the 20% darker color. If you saturate the color by 10%, you get **174F48**, and if you desaturate by 10%, it is **274F4A**.

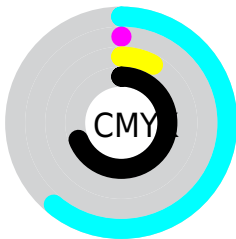
Distribution



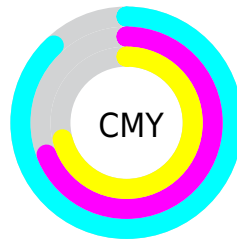
- Red (12%)
- Green (31%)
- Blue (29%)



- Red (12%)
- Yellow (22%)
- Blue (31%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (69%)



- Cyan (88%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4F49 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 1F4F49 by changing the saturation by 10% instead.

■ 1F4F49

■ 1F4F49

FFFFFF

■ 023833

■ 518079

■ 00221E

■ 6A9B93

■ 000204

■ 84B5AE

■ 000000

■ 9FD1C9

■ BAEDE5

■ D7FFFF

■ F3FFFF

■ 1F4F49

■ 1F4F49

■ 174F48

■ 274F4A

■ 0F4F47

■ 2F4F4B

■ 074F46

■ 374F4C

■ 004F45

■ 3F4F4D

■ 474F4E

■ 4E4F4F

■ 564F50

■ 5E4F51

■ 664F52

Harmonies

Analogous

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



2F4E3B



1F4F49



164E57

Triad

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



1F4F49



4C435E



5B422F

Complementary

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



1F4F49



4F1F25

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.



623E38



1F4F49



5B3F54

Square

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



1F4F49



374863



623D46



4F472B

Rectangle

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



1F4F49



1C4D5E



623D46



5E4131

Sweetspot

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



1F4F49



546664



254F1F



283332



B3B3B3



333333

Same Dimension

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



1F4F49



1C665D



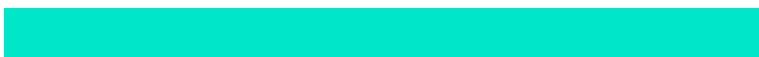
1F3D4F



222626



006659



00E6C9

Inverse Universe

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



4F1F25



661C25



4F311F



262223



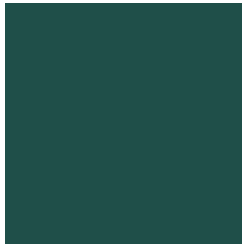
66000D



E6001D

Previews

White Background



This preview shows how the Hex color 1F4F49 looks on a white background.

Color Contrast Check

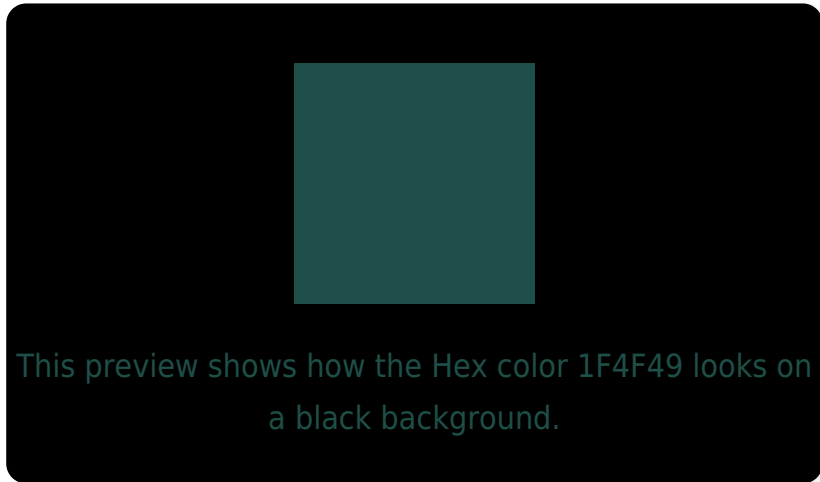
Large Text (above 18pt) WCAG AA ✓ Pass

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

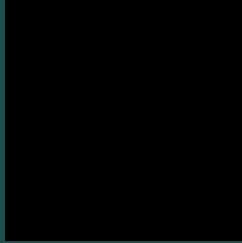
Any Text WCAG AA × Fail

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 1F4F49 Background



This preview shows how black text looks on a background with the Hex color 1F4F49.



This preview shows how white text looks on a background with the Hex color 1F4F49.

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
1F4F49

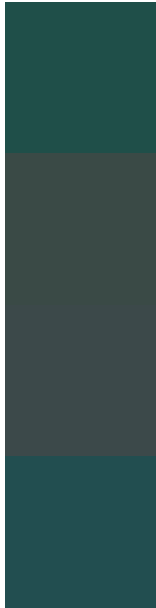
Protanopia
494744

Deuteranopia
4C454B



Tritanopia
234D54

Trichromacy



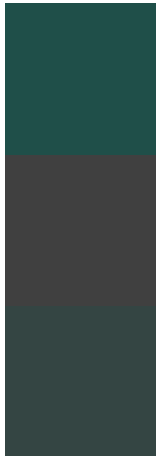
Original Color
1F4F49

Protanomaly
3A4A46

Deuteranomaly
3C494A

Tritanomaly
224E50

Monochromacy



Original Color
1F4F49

Achromatopsia
404040

Achromatomaly
344543

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4F49 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 #1F4F49 looks like.

```
.text, #text, p{  
    color:#1F4F49  
}
```

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 #1F4F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4F49
}
```

Border

The CSS property to change the border of an element to Hex 1F4F49 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".

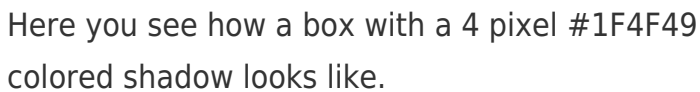
```
.border, #border, table{ border:4px solid
#1F4F49 }
```

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

```
.border{ border-color:#1F4F49 }
```

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

Here you see how a box with a 4 pixel #1F4F49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4F49; -webkit-box-shadow:4px 4px  
4px 4px #1F4F49; box-shadow:4px 4px 4px  
4px #1F4F49 }
```

Background

The CSS property to change the background color of an element to Hex 1F4F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4F49 }
```

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

```
.background{ background-color:#1F4F49 }
```

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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