

Converting Colors

Hex(1F4854)

Have a look what the booklet for
Hex(1F4854) contains.

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Color

Hex(1F4854)

Conversions

Conversions Part 1

Format	Color
Hex	1F4854
RGB	31, 72, 84
RGB Percent	12%, 28%, 33%
CMY	0.8784, 0.7176, 0.6706
CMYK	0.63, 0.14, 0.00, 0.67
HSL	194°, 46%, 23%
HSV	194°, 63%, 33%
XYZ	4.4827, 5.5661, 9.2256
YIQ	61.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

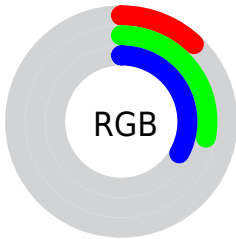
Format	Color
R_YB	31, 54, 84
Decimal	2050132
CIE Lab	28.29, -10.26, -11.48
CIE LCh	28, 15.395, 228.221
Yxy	5.5661, 0.2326, 0.2888
Android (android.graphics.Color)	4280240212 (0xFF1F4854)
YUV	61.1090, 11.2853, -26.4056
Hunter-Lab	23.5926, -7.3716, -6.6698




Details

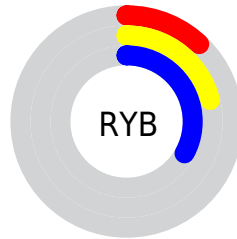
The Hex color **1F4854** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **542B1F**, and the grayscale version is **3D3D3D**.




A 20% lighter version of the original color is **517986**, and **001D27** is the 20% darker color. If you saturate the color by 10%, you get **174654**, and if you desaturate by 10%, it is **274A54**.

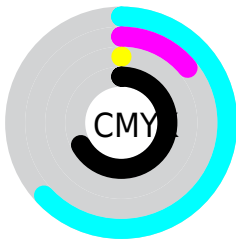
Distribution







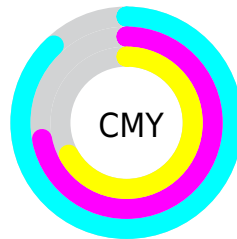
-  Red (12%)
-  Green (28%)
-  Blue (33%)






-  Red (12%)
-  Yellow (21%)
-  Blue (33%)



-  Cyan (63%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (88%)
-  Magenta (72%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4854 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 1F4854 by changing the saturation by 10% instead.

■ 1F4854

■ 1F4854

FFFFFF

■ 02313D

■ 517986

■ 001D27

■ 6A92A0

■ 000113

■ 85ADBB

■ 000000

■ 9FC8D6

■ BBE4F3

■ D7FFFF

■ F4FFFF

■ 1F4854

■ 1F4854

■ 174654

■ 274A54

■ 0E4454

■ 304C54

■ 064254

■ 384E54

■ 004154

■ 415054

■ 495254

■ 515354

■ 5A5554

■ 625754

■ 6B5954

Harmonies

Analogous

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



1E494A



1F4854



2C455A

Triad

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



1F4854



573A48



44442C

Complementary

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



1F4854



542B1F

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.



4F402C



1F4854



5B3A3C

Square

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



1F4854



4D3D53



583D32



364733

Rectangle

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



1F4854



38435A



583D32



48432B

Sweetspot

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



1F4854



59696E



1F542A



2B3538



B8B8B8



383838

Same Dimension

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



1F4854



1A5B6E



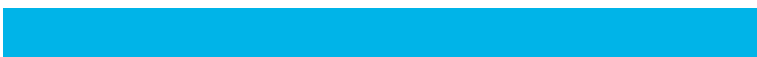
1F2E54



252829



005169



00B4E8

Inverse Universe

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



541F48



6E1A5B



54451F



292528



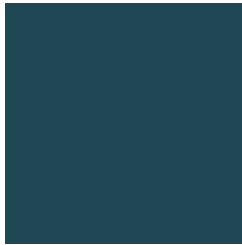
690051



E800B4

Previews

White Background



This preview shows how the Hex color 1F4854 looks on a white background.

Color Contrast Check

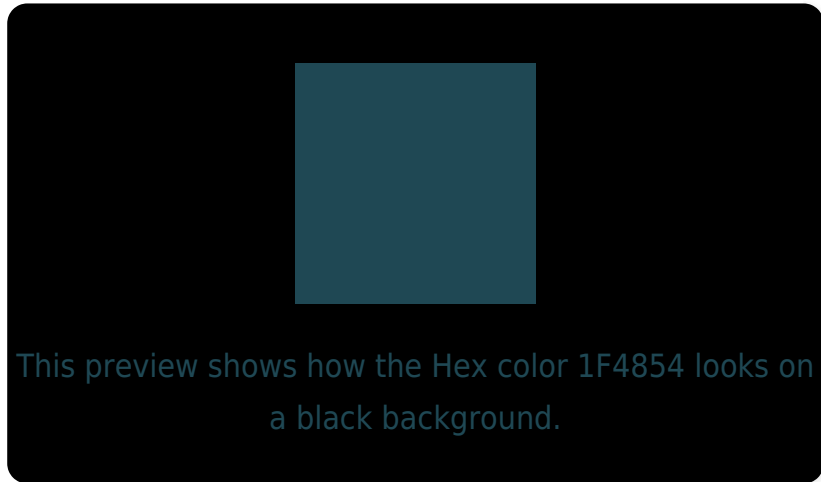
Large Text (above 18pt) WCAG AA ✓ Pass

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

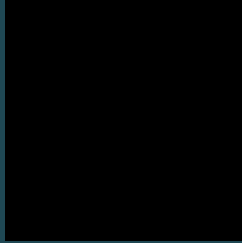
Any Text WCAG AA × Fail

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 1F4854 Background



This preview shows how black text looks on a background with the Hex color 1F4854.



This preview shows how white text looks on a background with the Hex color 1F4854.

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

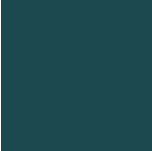
1F4854

Protanopia

404250

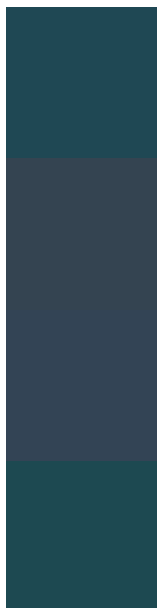
Deuteranopia

3F4155



Tritanopia
1C494F

Trichromacy



Original Color

1F4854

Protanomaly

344451

Deuteranomaly

334455

Tritanomaly

1D4951

Monochromacy



Original Color

1F4854

Achromatopsia

3D3D3D

Achromatomaly

324145

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4854 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 #1F4854 looks like.

```
.text, #text, p{  
    color:#1F4854  
}
```

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 #1F4854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4854
}
```

Border

The CSS property to change the border of an element to Hex 1F4854 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
#1F4854 }
```

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

```
.border{ border-color:#1F4854 }
```

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

Here you see how a box with a 4 pixel #1F4854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4854; -webkit-box-shadow:4px 4px  
4px 4px #1F4854; box-shadow:4px 4px 4px  
4px #1F4854 }
```

Background

The CSS property to change the background color of an element to Hex 1F4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4854 }
```

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

```
.background{ background-color:#1F4854 }
```

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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