

# Converting Colors

Hex(1F4354)

Have a look what the booklet for  
Hex(1F4354) contains.

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# Color

Hex(1F4354)

# Conversions

## Conversions Part 1

Format	Color
Hex	1F4354
RGB	31, 67, 84
RGB Percent	12%, 26%, 33%
CMY	0.8784, 0.7373, 0.6706
CMYK	0.63, 0.20, 0.00, 0.67
HSL	199°, 46%, 23%
HSV	199°, 63%, 33%
XYZ	4.1725, 4.9457, 9.1222
YIQ	58.1740, -26.9130, -2.3450

# Conversions

## Conversions Part 2

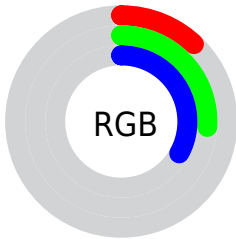
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 52, 84
Decimal	2048852
CIE <sub>Lab</sub>	26.58, -7.15, -14.10
CIE <sub>LCh</sub>	27, 15.810, 243.111
Yxy	4.9457, 0.2287, 0.2711
Android (android.graphics.Color)	4280238932 (0xFF1F4354)
YUV	58.1740, 12.7322, -23.8316
Hunter-Lab	22.2390, -5.4281, -8.7529

# Details

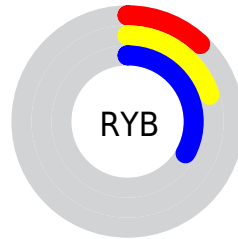
The Hex color **1F4354** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **54301F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **517386**, and **001927** is the 20% darker color. If you saturate the color by 10%, you get **174054**, and if you desaturate by 10%, it is **274654**.

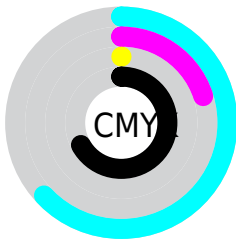
# Distribution



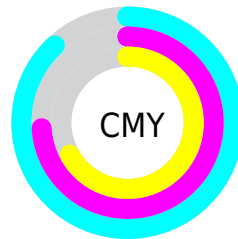
- Red (12%)
- Green (26%)
- Blue (33%)



- Red (12%)
- Yellow (20%)
- Blue (33%)



- Cyan (63%)
- Magenta (20%)
- Yellow (0%)
- Black (67%)



- Cyan (88%)
- Magenta (74%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F4354 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 1F4354 by changing the saturation by 10% instead.



1F4354

1F4354

FFFFFF

022D3D

517386

001927

6A8CA0

000112

84A7BB

000000

9FC2D7

BADEF3

D6FBFF

F3FFFF

1F4354

1F4354

■ 174054

■ 274654

■ 0E3E54

■ 304854

■ 063B54

■ 384B54

■ 003954

■ 414E54

■ 495054

■ 515354

■ 5A5654

■ 625954

■ 6B5B54

# Harmonies

## Analogous

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



16454C



1F4354



314057

# Triad

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



1F4354



56363E



39422A

# Complementary

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



1F4354



54301F

# 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.



463F27



1F4354



563732

# Square

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



1F4354



4F374A



503A2A



2B4434

# Rectangle

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



1F4354



3D3D55



503A2A



3E4128



# Sweetspot

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



1F4354



59676E



1F5430



2B3438



B8B8B8



383838



# Same Dimension

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



1F4354



1A536E



1F2954



252729



004769



009EE8



# Inverse Universe

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



541F43



6E1A53



544A1F



292527



690047

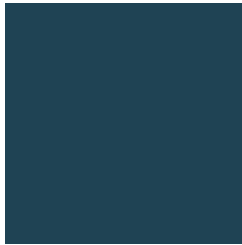


E8009E



# Previews

## White Background



This preview shows how the Hex color 1F4354 looks on a white background.

## Color Contrast Check

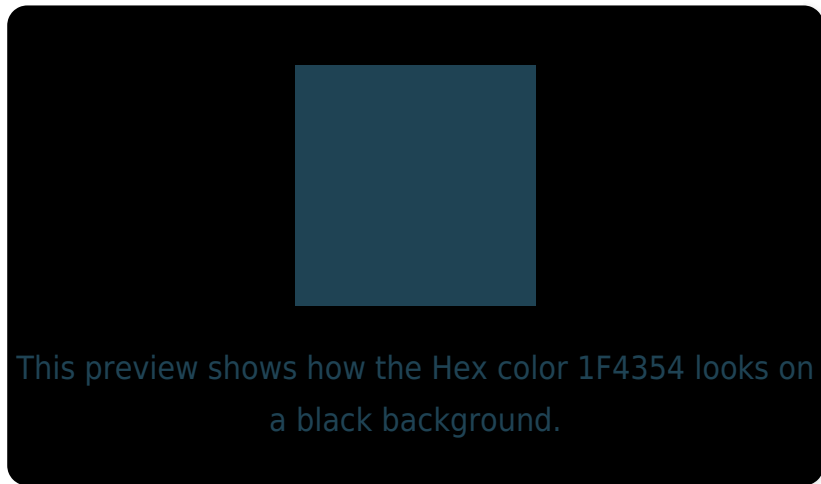
Large Text (above 18pt) WCAG AA ✓ Pass

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

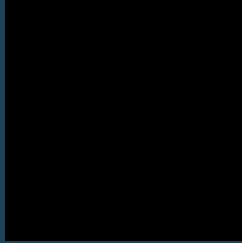
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F4354 Background



This preview shows how black text looks on a background with the Hex color 1F4354.



This preview shows how white text looks on a background with the Hex color 1F4354.

# 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](#).

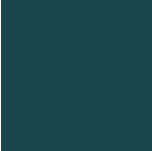
## Dichromacy



**Original Color**  
1F4354

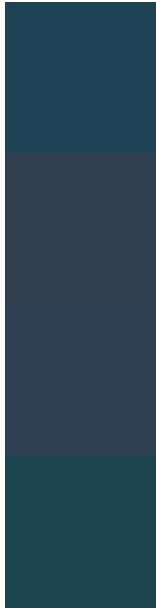
**Protanopia**  
3A3E50

**Deuteranopia**  
383E55



**Tritanopia**  
1A454A

# Trichromacy



**Original Color**  
1F4354

**Protanomaly**  
304051

**Deuteranomaly**  
2F4055

**Tritanomaly**  
1C444E

# Monochromacy



**Original Color**  
1F4354

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
303D43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F4354 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 #1F4354 looks like.

```
.text, #text, p{  
    color:#1F4354  
}
```

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 #1F4354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4354
}
```

## Border

The CSS property to change the border of an element to Hex 1F4354 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
#1F4354 }
```

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

```
.border{ border-color:#1F4354 }
```

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

Here you see how a box with a 4 pixel #1F4354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4354; -webkit-box-shadow:4px 4px  
4px 4px #1F4354; box-shadow:4px 4px 4px  
4px #1F4354 }
```

# Background

The CSS property to change the background color of an element to Hex 1F4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4354 }
```

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

```
.background{ background-color:#1F4354 }
```

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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