

# Converting Colors

Hex(1F4171)

Have a look what the booklet for  
Hex(1F4171) contains.

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# Color

**Hex(1F4171)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F4171
RGB	31, 65, 113
RGB Percent	12%, 25%, 44%
CMY	0.8784, 0.7451, 0.5569
CMYK	0.73, 0.42, 0.00, 0.56
HSL	215°, 57%, 28%
HSV	215°, 73%, 44%
XYZ	5.4360, 5.2642, 16.3524
YIQ	60.3060, -35.6720, 7.7200

# Conversions

## Conversions Part 2

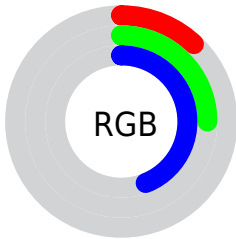
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 55, 113
Decimal	2048369
CIE <sub>Lab</sub>	27.47, 5.25, -31.35
CIE <sub>LCh</sub>	27, 31.790, 279.509
Yxy	5.2642, 0.2009, 0.1946
Android (android.graphics.Color)	4280238449 (0xFF1F4171)
YUV	60.3060, 25.9781, -25.7014
Hunter-Lab	22.9437, 2.1400, -26.1963




# Details

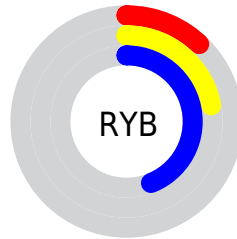
The Hex color **1F4171** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **714F1F**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **5670A5**, and **001741** is the 20% darker color. If you saturate the color by 10%, you get **143A71**, and if you desaturate by 10%, it is **2A4871**.

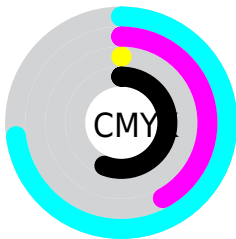
# Distribution







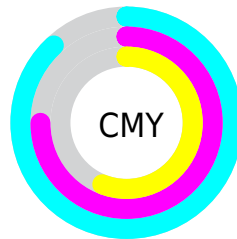
-  Red (12%)
-  Green (25%)
-  Blue (44%)






-  Red (12%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (73%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (88%)
-  Magenta (75%)
-  Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F4171 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 1F4171 by changing the saturation by 10% instead.



■ 1F4171

■ 1F4171

FFFFFF

■ 002B58

■ 5670A5

■ 001741

■ 718AC0

■ 00032A

■ 8CA4DC

■ 000114

■ A7BFF9

■ 000000

■ C3DBFF

■ E0F7FF

■ FDFFFF

■ 1F4171

■ 1F4171

■ 143A71

■ 2A4871

■ 083471

■ 364E71

■ 002F71

■ 415571

■ 4C5B71

■ 586271

■ 636971

■ 6E6F71

■ 797671

■ 857D71

# Harmonies

## Analogous

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



00486E



1F4171



4C3767

# Triad

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



1F4171



693023



004C2F

# Complementary

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



1F4171



714F1F

# 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.



2C4819



1F4171



5B3A12

# Square

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



1F4171



6D2A3A



47420C



004D48

# Rectangle

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



1F4171



5E305A



47420C



124B27



# Sweetspot

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



1F4171



738194



1F714F



373F4A



C9C9C9



4A4A4A



# Same Dimension

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



1F4171



134994



261F71



323538



003278



0067F7



# Inverse Universe

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



711F41



941349



6A711F



383235



780032



F70067



# Previews

## White Background



This preview shows how the Hex color 1F4171 looks on a white background.

## Color Contrast Check

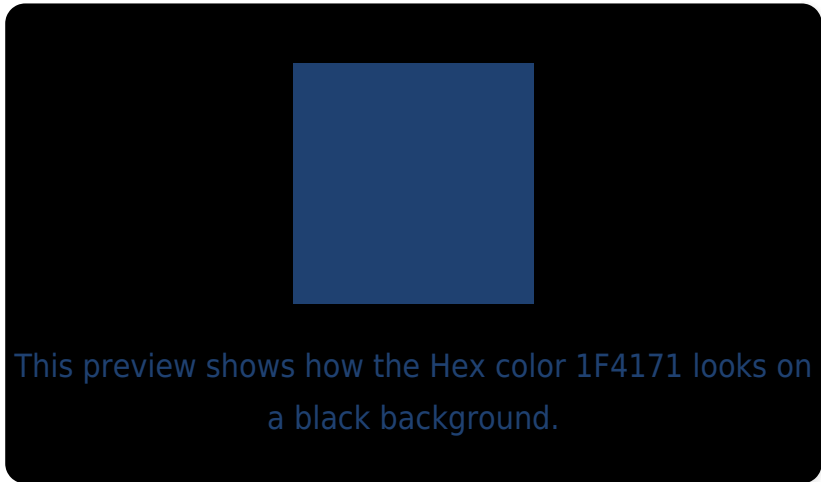
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F4171 Background



This preview shows how black text looks on a background with the Hex color 1F4171.



This preview shows how white text looks on a background with the Hex color 1F4171.

# 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**  
1F4171

**Protanopia**  
2C3F6F

**Deuteranopia**  
1A4271



**Tritanopia**  
00484E

# Trichromacy



**Original Color**  
1F4171

**Protanomaly**  
274070

**Deuteranomaly**  
1C4271

**Tritanomaly**  
0B455B

# Monochromacy



**Original Color**  
1F4171

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
313E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F4171 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 #1F4171 looks like.

```
.text, #text, p{  
    color:#1F4171  
}
```

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 #1F4171 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4171
}
```

## Border

The CSS property to change the border of an element to Hex 1F4171 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
#1F4171 }
```

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

```
.border{ border-color:#1F4171 }
```

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

Here you see how a box with a 4 pixel #1F4171 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4171; -webkit-box-shadow:4px 4px  
4px 4px #1F4171; box-shadow:4px 4px 4px  
4px #1F4171 }
```

# Background

The CSS property to change the background color of an element to Hex 1F4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4171 }
```

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

```
.background{ background-color:#1F4171 }
```

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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