

Converting Colors

Hex(1F4970)

Have a look what the booklet for
Hex(1F4970) contains.

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Color

Hex(1F4970)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 1F4970 |
| RGB | 31, 73, 112 |
| RGB Percent | 12%, 29%, 44% |
| CMY | 0.8784, 0.7137, 0.5608 |
| CMYK | 0.72, 0.35, 0.00, 0.56 |
| HSL | 209°, 57%, 28% |
| HSV | 209°, 72%, 44% |
| XYZ | 5.8722, 6.2262, 16.2215 |
| YIQ | 64.8880, -37.5510, 3.2250 |

Conversions

Conversions Part 2

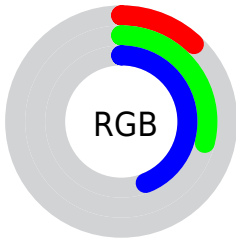
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 31, 59, 112 |
| Decimal | 2050416 |
| CIE _{Lab} | 29.98, -0.51, -26.76 |
| CIE _{LCh} | 30, 26.760, 268.907 |
| Yxy | 6.2262, 0.2074, 0.2199 |
| Android (android.graphics.Color) | 4280240496 (0xFF1F4970) |
| YUV | 64.8880, 23.2262, -29.7198 |
| Hunter-Lab | 24.9524, -1.6590, -21.0776 |




Details

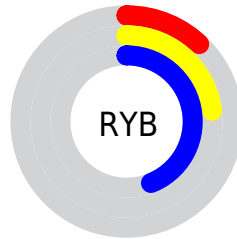
The Hex color **1F4970** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **70461F**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **5679A4**, and **001E40** is the 20% darker color. If you saturate the color by 10%, you get **144470**, and if you desaturate by 10%, it is **2A4E70**.

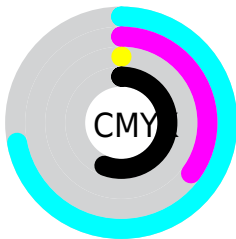
Distribution







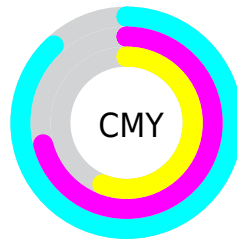
-  Red (12%)
-  Green (29%)
-  Blue (44%)






-  Red (12%)
-  Yellow (23%)
-  Blue (44%)



-  Cyan (72%)
-  Magenta (35%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (88%)
-  Magenta (71%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4970 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 1F4970 by changing the saturation by 10% instead.

■ 1F4970

■ 1F4970

FFFFFF

■ 003357

■ 5679A4

■ 001E40

■ 7093BF

■ 00032A

■ 8BAEDB

■ 000114

■ A7C9F8

■ 000000

■ C3E5FF

■ E0FFFF

■ F0FFFF

■ 1F4970

■ 1F4970

■ 144470

■ 2A4E70

■ 093E70

■ 355470

■ 003A70

■ 415970

■ 4C5F70

■ 576470

■ 626970

■ 6D6F70

■ 797470

■ 847A70

Harmonies

Analogous

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



004E6A



1F4970



47416B

Triad

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



1F4970



6D3734



244F30

Complementary

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



1F4970



70461F

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.



3F4B21



1F4970



643E23

Square

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



1F4970



6C3548



54451C



005145

Rectangle

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



1F4970



593C62



54451C



2E4E2A

Sweetspot

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



1F4970



718291



1F7045



37414A



C9C9C9



4A4A4A

Same Dimension

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



1F4970



135491



1F2270



323538



003E78



0080F7

Inverse Universe

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



701F49



911354



706D1F



383235



78003E



F70080

Previews

White Background



This preview shows how the Hex color 1F4970 looks on a white background.

Color Contrast Check

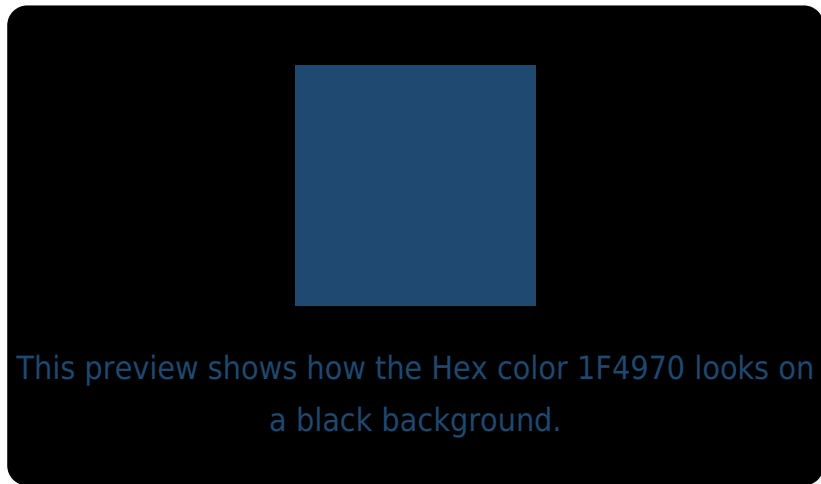
Large Text (above 18pt) WCAG AA ✓ Pass

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

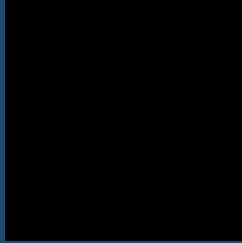
Any Text WCAG AA × Fail

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 1F4970 Background



This preview shows how black text looks on a background with the Hex color 1F4970.



This preview shows how white text looks on a background with the Hex color 1F4970.

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
1F4970

Protanopia
38456D

Deuteranopia
2E4771



Tritanopia
004E55

Trichromacy



Original Color
1F4970

Protanomaly
2F466E

Deuteranomaly
294871

Tritanomaly
0B4C5F

Monochromacy



Original Color
1F4970

Achromatopsia
414141

Achromatomaly
354452

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4970 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 #1F4970 looks like.

```
.text, #text, p{  
    color:#1F4970  
}
```

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 #1F4970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4970  
}
```

Border

The CSS property to change the border of an element to Hex 1F4970 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  
#1F4970 }
```

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

```
.border{ border-color:#1F4970 }
```

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

Here you see how a box with a 4 pixel #1F4970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4970; -webkit-box-shadow:4px 4px  
4px 4px #1F4970; box-shadow:4px 4px 4px  
4px #1F4970 }
```

Background

The CSS property to change the background color of an element to Hex 1F4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4970 }
```

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

```
.background{ background-color:#1F4970 }
```

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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