

Converting Colors

Hex(1F5E70)

Have a look what the booklet for
Hex(1F5E70) contains.

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Color

Hex(1F5E70)

Conversions

Conversions Part 1

Format	Color
Hex	1F5E70
RGB	31, 94, 112
RGB Percent	12%, 37%, 44%
CMY	0.8784, 0.6314, 0.5608
CMYK	0.72, 0.16, 0.00, 0.56
HSL	193°, 57%, 28%
HSV	193°, 72%, 44%
XYZ	7.4924, 9.4666, 16.7616
YIQ	77.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

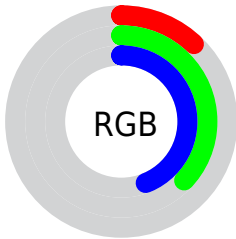
Format	Color
R _Y B	31, 66, 112
Decimal	2055792
CIE Lab	36.87, -13.49, -16.04
CIE LCh	37, 20.957, 229.930
Yxy	9.4666, 0.2222, 0.2807
Android (android.graphics.Color)	4280245872 (0xFF1F5E70)
YUV	77.2150, 17.1490, -40.5306
Hunter-Lab	30.7678, -10.3762, -10.7624

Details

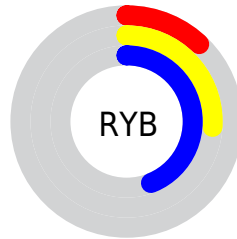
The Hex color **1F5E70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70311F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5790A4**, and **003040** is the 20% darker color. If you saturate the color by 10%, you get **145C70**, and if you desaturate by 10%, it is **2A6070**.

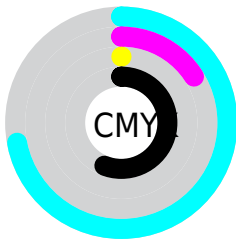
Distribution



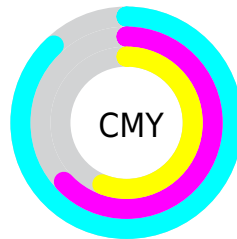
- Red (12%)
- Green (37%)
- Blue (44%)



- Red (12%)
- Yellow (26%)
- Blue (44%)



- Cyan (72%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (88%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5E70 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 1F5E70 by changing the saturation by 10% instead.

■ 1F5E70

■ 1F5E70

FFFFFF

■ 004658

■ 5790A4

■ 003040

■ 72ABBF

■ 001C2A

■ 8DC6DB

■ 000116

■ A9E2F7

■ 000000

■ C5FFFF

■ E2FFFF

■ 1F5E70

■ 1F5E70

■ 145C70

■ 2A6070

095970

356370

005770

416570

4C6870

576A70

626D70

6D6F70

797270

847470

Harmonies

Analogous

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



1D6062



1F5E70



365A78

Triad

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



1F5E70



744A5D



575937

Complementary

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



1F5E70



70311F

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.



675436



1F5E70



784A4C

Square

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



1F5E70



674E6D



734E3E



435D41

Rectangle

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



1F5E70



485678



734E3E



5D5835

Sweetspot

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



1F5E70



718A91



1F7031



37464A



C9C9C9



4A4A4A

Same Dimension

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



1F5E70



137591



1F3670



323738



005D78



00C0F7

Inverse Universe

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



701F5E



911375



70591F



383237



78005D



F700C0

Previews

White Background



This preview shows how the Hex color 1F5E70 looks on a white background.

Color Contrast Check

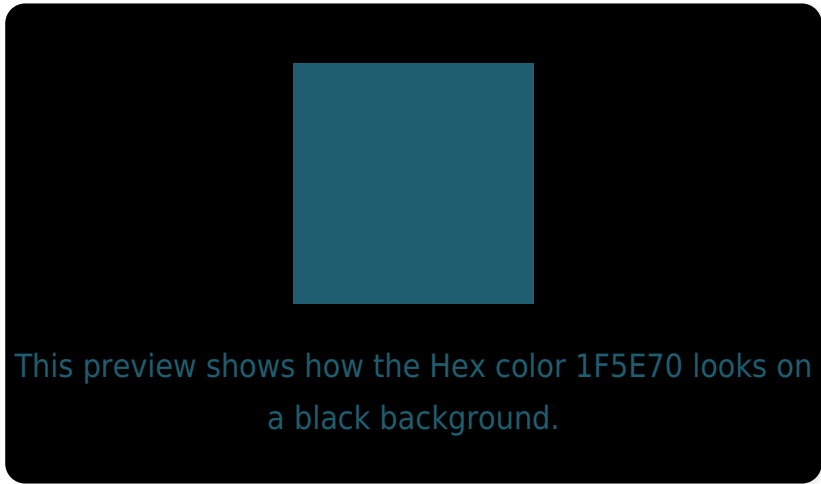
Large Text (above 18pt) WCAG AA ✓ Pass

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

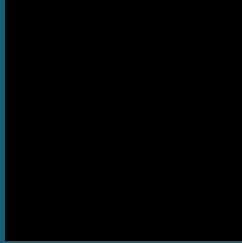
Any Text WCAG AA × Fail

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 1F5E70 Background



This preview shows how black text looks on a background with the Hex color 1F5E70.



This preview shows how white text looks on a background with the Hex color 1F5E70.

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](#).

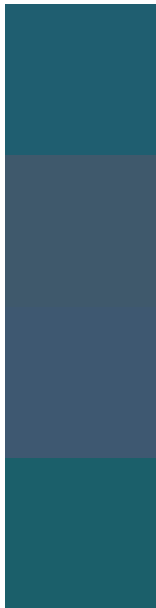
Dichromacy





Tritanopia
195F67

Trichromacy



Original Color
1F5E70

Protanomaly
3F596C

Deuteranomaly
3E5871

Tritanomaly
1B5F6A

Monochromacy



Original Color
1F5E70

Achromatopsia
4D4D4D

Achromatomaly
3C535A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5E70 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 #1F5E70 looks like.

```
.text, #text, p{  
    color:#1F5E70  
}
```

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 #1F5E70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5E70
}
```

Border

The CSS property to change the border of an element to Hex 1F5E70 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
#1F5E70 }
```

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

```
.border{ border-color:#1F5E70 }
```

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

Here you see how a box with a 4 pixel #1F5E70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5E70; -webkit-box-shadow:4px 4px  
4px 4px #1F5E70; box-shadow:4px 4px 4px  
4px #1F5E70 }
```

Background

The CSS property to change the background color of an element to Hex 1F5E70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5E70 }
```

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

```
.background{ background-color:#1F5E70 }
```

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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