

# Converting Colors

Hex(1F6B72)

Have a look what the booklet for  
Hex(1F6B72) contains.

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# Color

Hex(1F6B72)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F6B72
RGB	31, 107, 114
RGB Percent	12%, 42%, 45%
CMY	0.8784, 0.5804, 0.5529
CMYK	0.73, 0.06, 0.00, 0.55
HSL	185°, 57%, 28%
HSV	185°, 73%, 45%
XYZ	8.8600, 12.0216, 17.7730
YIQ	85.0740, -47.5430, -13.9350

# Conversions

## Conversions Part 2

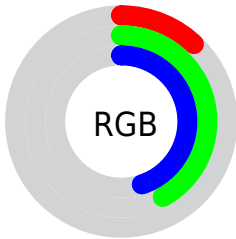
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 71, 114
Decimal	2059122
CIELab	41.25, -20.06, -10.59
CIElCh	41, 22.686, 207.841
Yxy	12.0216, 0.2292, 0.3110
Android (android.graphics.Color)	4280249202 (0xFF1F6B72)
YUV	85.0740, 14.2605, -47.4229
Hunter-Lab	34.6722, -15.0629, -6.1216

# Details

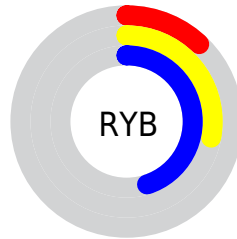
The Hex color **1F6B72** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **72261F**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **599FA6**, and **003B42** is the 20% darker color. If you saturate the color by 10%, you get **146A72**, and if you desaturate by 10%, it is **2A6C72**.

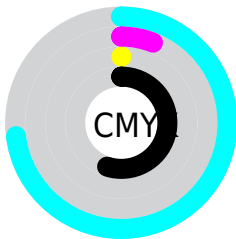
# Distribution



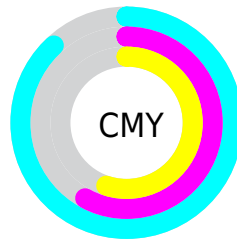
- Red (12%)
- Green (42%)
- Blue (45%)



- Red (12%)
- Yellow (28%)
- Blue (45%)



- Cyan (73%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (88%)
- Magenta (58%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F6B72 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 1F6B72 by changing the saturation by 10% instead.



 1F6B72

 1F6B72

FFFFFF

 00535A

 599FA6

 003B42

 74BAC1

 00252C

 8FD5DD

 000A18

 ABF2F9

 000000

 C8FFFF

 E5FFFF

 1F6B72

 1F6B72

 146A72

 2A6C72

086972

366D72

006872

416E72

4D6F72

587072

637172

6F7272

7A7372

867472

# Harmonies

## Analogous

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



2F6B5F



1F6B72



296880

# Triad

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



1F6B72



785775



6F603C

# Complementary

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



1F6B72



72261F

# 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.



7E5942



1F6B72



845363

# Square

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



1F6B72



625D82



865451



5C6540

# Rectangle

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



1F6B72



3C6585



865451



755E3D



# Sweetspot

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



1F6B72



739194



1F7226



37484A



C9C9C9



4A4A4A



# Same Dimension

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



1F6B72



138994



1F4272



323838



006E78



00E2F7



# Inverse Universe

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



721F6B



941389



724F1F



383238



78006E

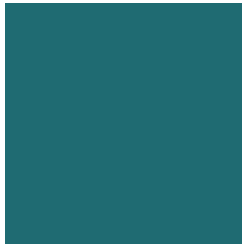


F700E2



# Previews

## White Background



This preview shows how the Hex color 1F6B72 looks on a white background.

## Color Contrast Check

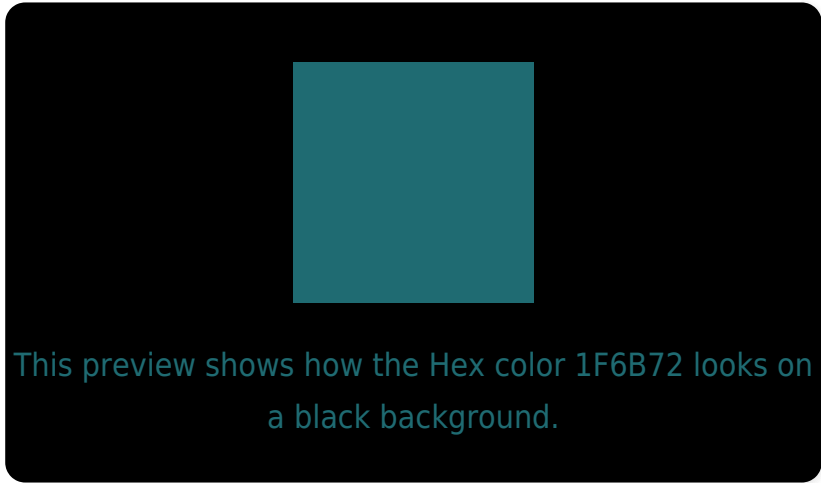
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

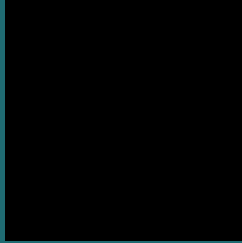
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F6B72 Background



This preview shows how black text looks on a background with the Hex color 1F6B72.

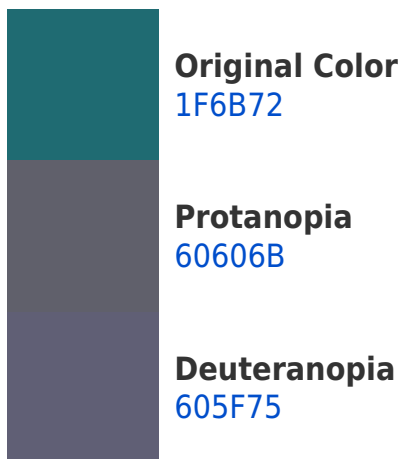


This preview shows how white text looks on a background with the Hex color 1F6B72.

# 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**  
206B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F6B72 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 #1F6B72 looks like.

```
.text, #text, p{  
    color:#1F6B72  
}
```

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 #1F6B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6B72
}
```

## Border

The CSS property to change the border of an element to Hex 1F6B72 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
#1F6B72 }
```

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

```
.border{ border-color:#1F6B72 }
```

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

Here you see how a box with a 4 pixel #1F6B72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6B72; -webkit-box-shadow:4px 4px  
4px 4px #1F6B72; box-shadow:4px 4px 4px  
4px #1F6B72 }
```

# Background

The CSS property to change the background color of an element to Hex 1F6B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6B72 }
```

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

```
.background{ background-color:#1F6B72 }
```

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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