

# Converting Colors

Hex(1F696E)

Have a look what the booklet for  
Hex(1F696E) contains.

<b>Hex(1F696E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(1F696E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F696E
RGB	31, 105, 110
RGB Percent	12%, 41%, 43%
CMY	0.8784, 0.5882, 0.5686
CMYK	0.72, 0.05, 0.00, 0.57
HSL	184°, 56%, 28%
HSV	184°, 72%, 43%
XYZ	8.4311, 11.5202, 16.5311
YIQ	83.4440, -45.7090, -14.1330

# Conversions

## Conversions Part 2

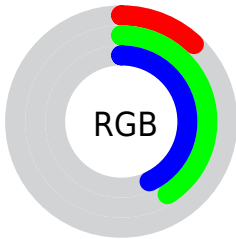
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 69, 110
Decimal	2058606
CIE <sub>Lab</sub>	40.44, -20.30, -9.38
CIE <sub>LCh</sub>	40, 22.362, 204.798
Yxy	11.5202, 0.2311, 0.3158
Android (android.graphics.Color)	4280248686 (0xFF1F696E)
YUV	83.4440, 13.0921, -45.9934
Hunter-Lab	33.9415, -15.0579, -5.1180

# Details

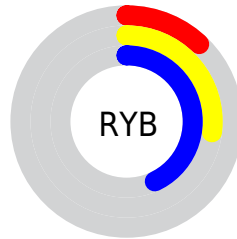
The Hex color **1F696E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E241F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **589DA2**, and **00393E** is the 20% darker color. If you saturate the color by 10%, you get **14686E**, and if you desaturate by 10%, it is **2A6A6E**.

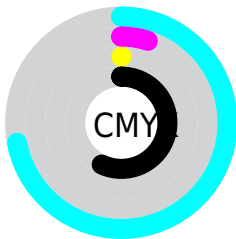
# Distribution



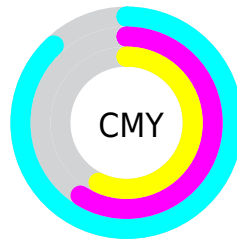
- Red (12%)
- Green (41%)
- Blue (43%)



- Red (12%)
- Yellow (27%)
- Blue (43%)



- Cyan (72%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (88%)
- Magenta (59%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F696E 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 1F696E by changing the saturation by 10% instead.





1F696E



1F696E

FFFFFF



005156



589DA2



00393E



73B8BD



002429



8ED3D8



000415



AAF0F5



000000



C7FFFF



E3FFFF



1F696E



1F696E



14686E



2A6A6E

09686E

356A6E

00676E

406B6E

4B6C6E

566C6E

616D6E

6C6E6E

776F6E

826F6E

# Harmonies

## Analogous

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



31695B



1F696E



26677D

# Triad

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



1F696E



735575



6F5D3B

# Complementary

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



1F696E



6E241F

# 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.



7D5742



1F696E



815263

# Square

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



1F696E



5D5C80



835251



5C633E

# Rectangle

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



1F696E



376482



835251



745B3C



# Sweetspot

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



1F696E



6F8D8F



1F6E23



354647



C7C7C7



474747



# Same Dimension

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



1F696E



14878F



1F436E



323838



007078



00E8F7



# Inverse Universe

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



6E1F69



8F1487



6E4A1F



383238



780070

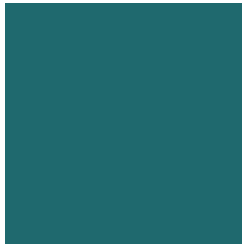


F700E8



# Previews

## White Background



This preview shows how the Hex color 1F696E 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

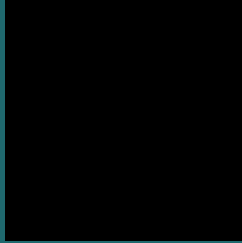
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F696E Background



This preview shows how black text looks on a background with the Hex color 1F696E.

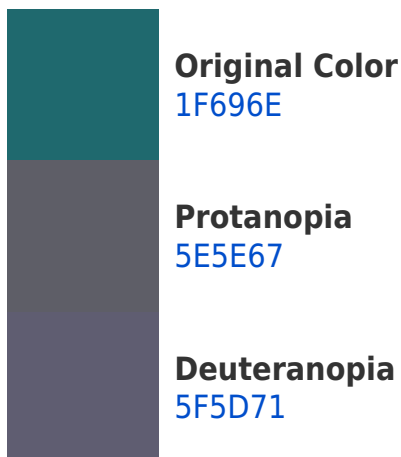



This preview shows how white text looks on a background with the Hex color 1F696E.

# 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](#).

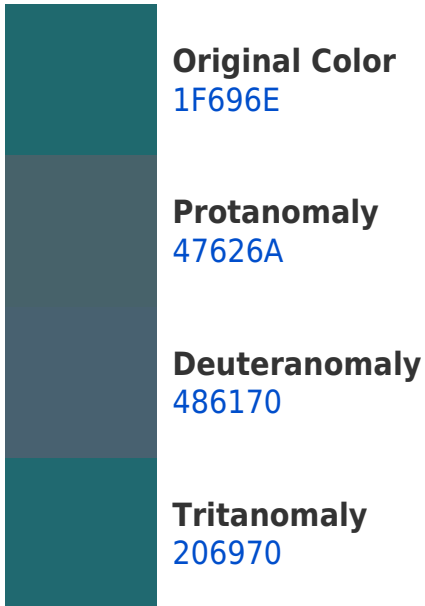
## Dichromacy



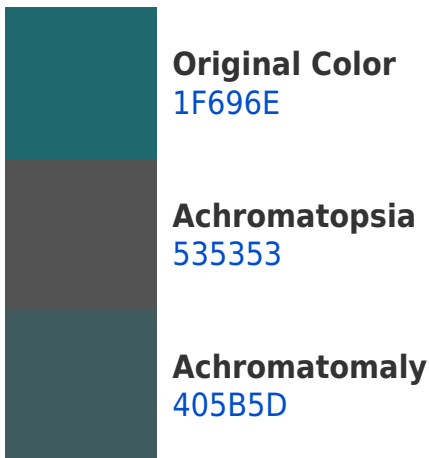


**Tritanopia**  
216971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F696E 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 #1F696E looks like.

```
.text, #text, p{  
    color:#1F696E  
}
```

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 #1F696E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F696E
}
```

## Border

The CSS property to change the border of an element to Hex 1F696E 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
#1F696E }
```

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

```
.border{ border-color:#1F696E }
```

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

Here you see how a box with a 4 pixel #1F696E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F696E; -webkit-box-shadow:4px 4px  
4px 4px #1F696E; box-shadow:4px 4px 4px  
4px #1F696E }
```

# Background

The CSS property to change the background color of an element to Hex 1F696E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F696E }
```

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

```
.background{ background-color:#1F696E }
```

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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