

# Converting Colors

Hex(1D6971)

Have a look what the booklet for  
Hex(1D6971) contains.

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# Color

**Hex(1D6971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D6971
RGB	29, 105, 113
RGB Percent	11%, 41%, 44%
CMY	0.8863, 0.5882, 0.5569
CMYK	0.74, 0.07, 0.00, 0.56
HSL	186°, 59%, 28%
HSV	186°, 74%, 44%
XYZ	8.5389, 11.5566, 17.4034
YIQ	83.1880, -47.8640, -13.6240

# Conversions

## Conversions Part 2

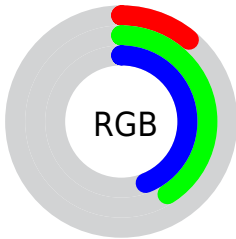
Format	Color
<b>RYB</b>	29, 69, 113
Decimal	1927537
CIELab	40.50, -19.61, -11.12
CIElCh	41, 22.543, 209.560
Yxy	11.5566, 0.2277, 0.3082
Android (android.graphics.Color)	4280117617 (0xFF1D6971)
YUV	83.1880, 14.6973, -47.5229
Hunter-Lab	33.9950, -14.6555, -6.5564

# Details

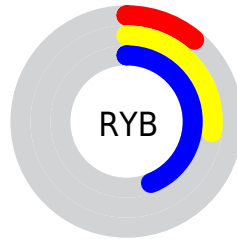
The Hex color **1D6971** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71251D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **579DA5**, and **003941** is the 20% darker color. If you saturate the color by 10%, you get **126871**, and if you desaturate by 10%, it is **286A71**.

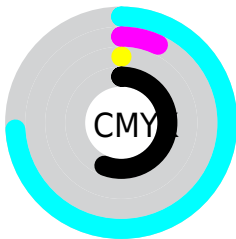
# Distribution



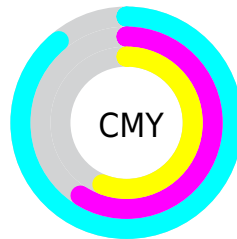
- Red (11%)
- Green (41%)
- Blue (44%)



- Red (11%)
- Yellow (27%)
- Blue (44%)



- Cyan (74%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (89%)
- Magenta (59%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D6971 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 1D6971 by changing the saturation by 10% instead.



 1D6971

 1D6971

FFFFFF

 005159


 579DA5

 003941

 72B7C0

 00242B

 8ED3DC

 000517

 AAF0F8

 000000

 C6FFFF

 E3FFFF

 1D6971

 1D6971

 126871

 286A71

066771

346B71

006671

3F6C71

4A6D71

566E71

616F71

6C7171

777271

837371

# Harmonies

## Analogous

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



2D695F



1D6971



29667F

# Triad

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



1D6971



775572



6C5E3A

# Complementary

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



1D6971



71251D

# 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.



7B5840



1D6971



825160

# Square

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



1D6971



615B7F



83534E



59643F

# Rectangle

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



1D6971



3C6383



83534E



725C3B



# Sweetspot

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



1D6971



739194



1D7124



37484A



C9C9C9



4A4A4A



# Same Dimension

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



1D6971



108794



1D4071



323838



006C78



00E0F7



# Inverse Universe

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



711D69



941087



714E1D



383238



78006C

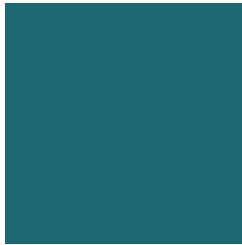


F700E0



# Previews

## White Background



This preview shows how the Hex color 1D6971 looks on a white background.

## Color Contrast Check

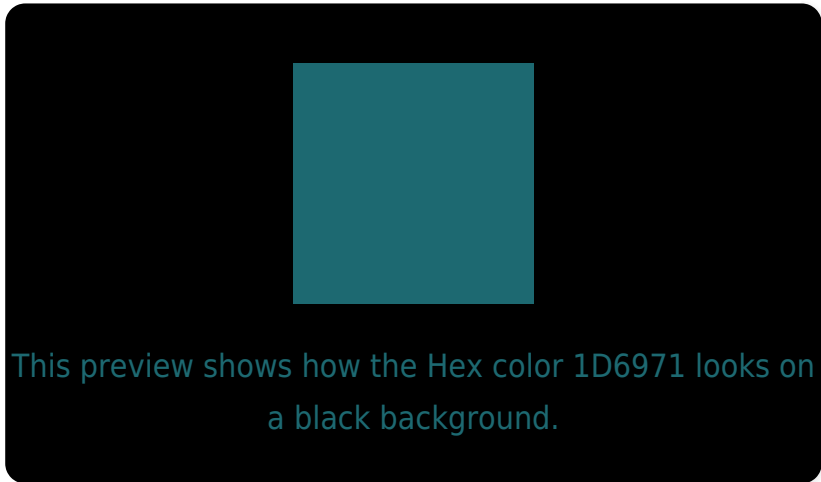
Large Text (above 18pt) WCAG AA ✓ Pass

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

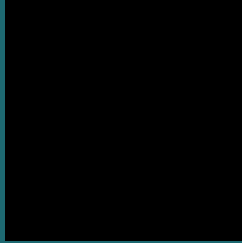
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D6971 Background



This preview shows how black text looks on a background with the Hex color 1D6971.




This preview shows how white text looks on a background with the Hex color 1D6971.

# 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](#).

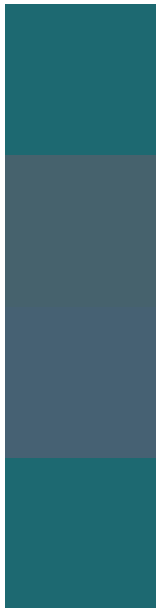
## Dichromacy





**Tritanopia**  
1D6971

# Trichromacy



**Original Color**  
1D6971

**Protanomaly**  
46626D

**Deuteranomaly**  
466173

**Tritanomaly**  
1D6971

# Monochromacy



**Original Color**  
1D6971

**Achromatopsia**  
535353

**Achromatomaly**  
3F5B5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D6971 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 #1D6971 looks like.

```
.text, #text, p{  
    color:#1D6971  
}
```

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 #1D6971 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6971
}
```

## Border

The CSS property to change the border of an element to Hex 1D6971 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
#1D6971 }
```

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

```
.border{ border-color:#1D6971 }
```

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

Here you see how a box with a 4 pixel #1D6971 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6971; -webkit-box-shadow:4px 4px  
4px 4px #1D6971; box-shadow:4px 4px 4px  
4px #1D6971 }
```

# Background

The CSS property to change the background color of an element to Hex 1D6971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6971 }
```

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

```
.background{ background-color:#1D6971 }
```

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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