

Converting Colors

Hex(1D6F7F)

Have a look what the booklet for
Hex(1D6F7F) contains.

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Color

Hex(1D6F7F)

Conversions

Conversions Part 1

Format	Color
Hex	1D6F7F
RGB	29, 111, 127
RGB Percent	11%, 44%, 50%
CMY	0.8863, 0.5647, 0.5020
CMYK	0.77, 0.13, 0.00, 0.50
HSL	190°, 63%, 31%
HSV	190°, 77%, 50%
XYZ	10.0219, 13.1624, 22.0911
YIQ	88.3060, -54.0080, -12.4080

Conversions

Conversions Part 2

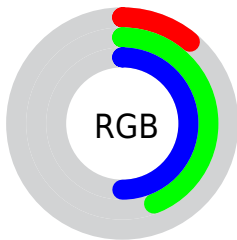
Format	Color
RYB	29, 74, 127
Decimal	1929087
CIELab	43.01, -18.13, -15.78
CIElCh	43, 24.035, 221.052
Yxy	13.1624, 0.2214, 0.2907
Android (android.graphics.Color)	4280119167 (0xFF1D6F7F)
YUV	88.3060, 19.0761, -52.0114
Hunter-Lab	36.2800, -14.1816, -10.7059

Details

The Hex color **1D6F7F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F2D1D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AA3B4**, and **003F4E** is the 20% darker color. If you saturate the color by 10%, you get **106D7F**, and if you desaturate by 10%, it is **2A717F**.

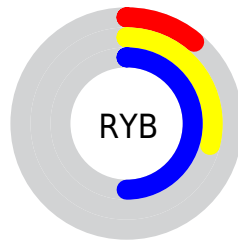
Distribution



Red (11%)

Green (44%)

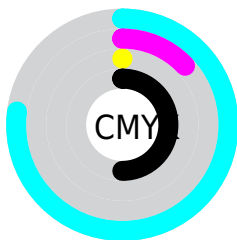
Blue (50%)



Red (11%)

Yellow (29%)

Blue (50%)

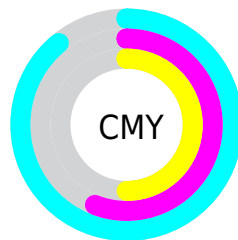


Cyan (77%)

Magenta (13%)

Yellow (0%)

Black (50%)



Cyan (89%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D6F7F 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 1D6F7F by changing the saturation by 10% instead.

1D6F7F

1D6F7F

FFFFFF

005666

5AA3B4

003F4E

76BECF

002937

92DAEC

001422

AEF6FF

000009

CAFFFF

000000

E8FFFF

1D6F7F

1D6F7F

106D7F

2A717F

■ 046B7F

■ 36737F

■ 006A7F

■ 43757F

■ 50777F

■ 5D797F

■ 697B7F

■ 767E7F

■ 83807F

■ 8F827F

Harmonies

Analogous

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



25706C



1D6F7F



356B8B

Triad

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



1D6F7F



845873



6C673E

Complementary

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



1D6F7F



7F2D1D

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.



7E6040



1D6F7F



8D565F

Square

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



1D6F7F



715E84



8A5A4C



566C47

Rectangle

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



1D6F7F



4B678D



8A5A4C



72653E

Sweetspot

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



1D6F7F



80A0A6



1D7F2C



3D5054



D4D4D4



545454

Same Dimension

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



1D6F7F



0C8DA6



1D3F7F



393F40



006B80



000000

Inverse Universe

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



7F1D6F



A60C8D



7F5D1D



40393F



80006B



000000

Previews

White Background



This preview shows how the Hex color 1D6F7F looks on a white background.

Color Contrast Check

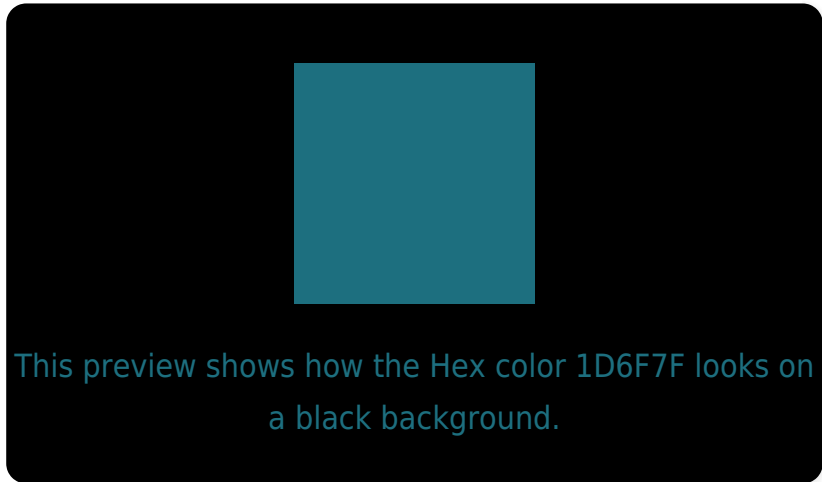
Large Text (above 18pt) WCAG AA ✓ Pass

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

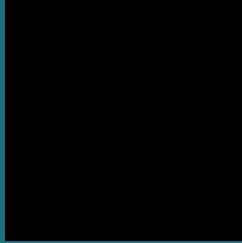
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

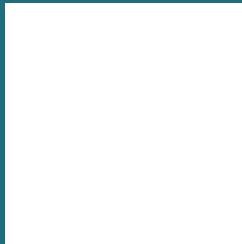
Any Text WCAG AAA × Fail

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

Hex 1D6F7F Background



This preview shows how black text looks on a background with the Hex color 1D6F7F.

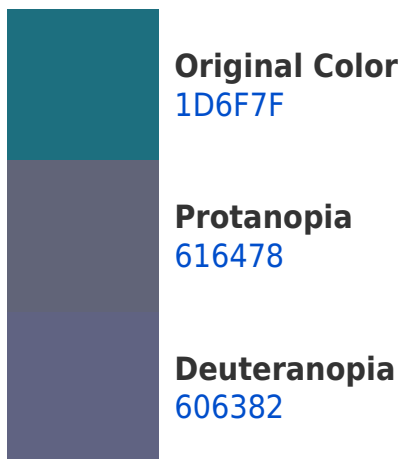


This preview shows how white text looks on a background with the Hex color 1D6F7F.

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
177079

Trichromacy



Original Color
1D6F7F

Protanomaly
48687B

Deuteranomaly
486781

Tritanomaly
19707B

Monochromacy



Original Color
1D6F7F

Achromatopsia
585858

Achromatomaly
436066

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D6F7F 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 #1D6F7F looks like.

```
.text, #text, p{  
    color:#1D6F7F  
}
```

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 #1D6F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6F7F
}
```

Border

The CSS property to change the border of an element to Hex 1D6F7F 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
#1D6F7F }
```

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

```
.border{ border-color:#1D6F7F }
```

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

Here you see how a box with a 4 pixel #1D6F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6F7F; -webkit-box-shadow:4px 4px  
4px 4px #1D6F7F; box-shadow:4px 4px 4px  
4px #1D6F7F }
```

Background

The CSS property to change the background color of an element to Hex 1D6F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6F7F }
```

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

```
.background{ background-color:#1D6F7F }
```

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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