

Converting Colors

Hex(1D6F74)

Have a look what the booklet for
Hex(1D6F74) contains.

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Color

Hex(1D6F74)

Conversions

Conversions Part 1

Format	Color
Hex	1D6F74
RGB	29, 111, 116
RGB Percent	11%, 44%, 45%
CMY	0.8863, 0.5647, 0.5451
CMYK	0.75, 0.04, 0.00, 0.55
HSL	183°, 60%, 28%
HSV	183°, 75%, 45%
XYZ	9.3435, 12.8910, 18.5188
YIQ	87.0520, -50.4770, -15.8290

Conversions

Conversions Part 2

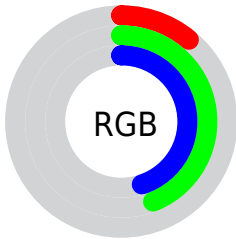
Format	Color
R_{YB}	29, 71, 116
Decimal	1929076
CIE _{Lab}	42.60, -21.82, -9.78
CIE _{LCh}	43, 23.911, 204.139
Yxy	12.8910, 0.2293, 0.3163
Android (android.graphics.Color)	4280119156 (0xFF1D6F74)
YUV	87.0520, 14.2714, -50.9116
Hunter-Lab	35.9041, -16.3801, -5.4480

Details

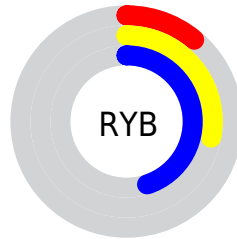
The Hex color **1D6F74** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74221D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58A3A8**, and **003F44** is the 20% darker color. If you saturate the color by 10%, you get **116E74**, and if you desaturate by 10%, it is **297074**.

Distribution



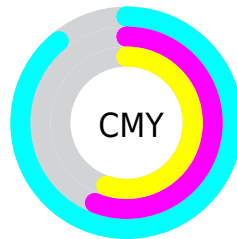
- Red (11%)
- Green (44%)
- Blue (45%)



- Red (11%)
- Yellow (28%)
- Blue (45%)



- Cyan (75%)
- Magenta (4%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D6F74 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 1D6F74 by changing the saturation by 10% instead.

■ 1D6F74

■ 1D6F74

FFFFFF

■ 00565B

■ 58A3A8

■ 003F44

■ 74BEC3

■ 00282E

■ 8FDADF

■ 001119

■ ABF7FC

■ 000000

■ C8FFFF

■ E5FFFF

■ 1D6F74

■ 1D6F74

■ 116E74

■ 297074

066E74

347074

006D74

407174

4B7274

577274

637374

6E7474

7A7474

857574

Harmonies

Analogous

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



326F60



1D6F74



246D84

Triad

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



1D6F74



7A5A7C



75623D

Complementary

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



1D6F74



74221D

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.



845B45



1D6F74



885669

Square

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



1D6F74



626188



8B5655



616840

Rectangle

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



1D6F74



386A8A



8B5655



7B603F

Sweetspot

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



1D6F74



749496



1D7421



374B4D



CCCCCC



4D4D4D

Same Dimension

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



1D6F74



0F8F96



1D4474



353A3B



00737A



00ECFA

Inverse Universe

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



741D6F



960F8F



744D1D



3B353A



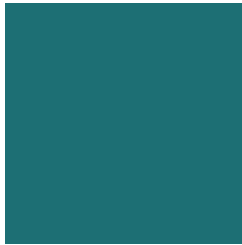
7A0073



FA00EC

Previews

White Background



This preview shows how the Hex color 1D6F74 looks on a white background.

Color Contrast Check

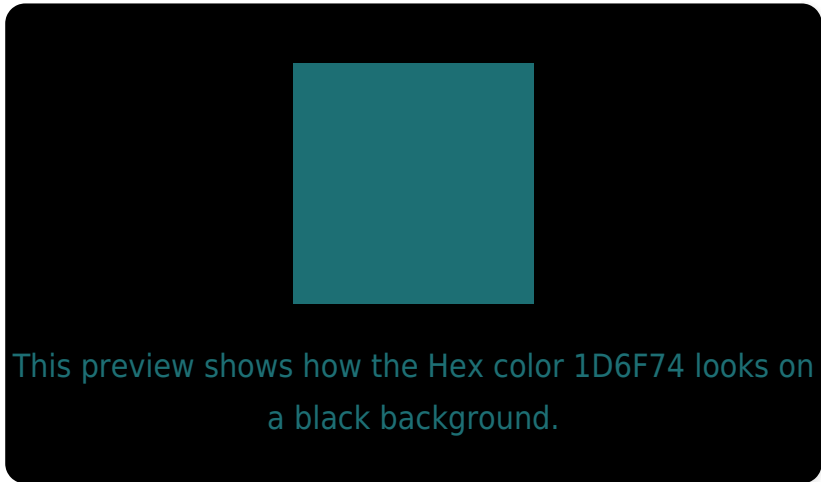
Large Text (above 18pt) WCAG AA ✓ Pass

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

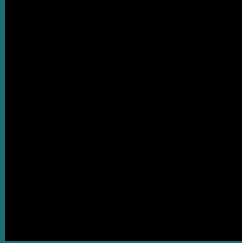
Any Text WCAG AA × Fail

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 1D6F74 Background



This preview shows how black text looks on a background with the Hex color 1D6F74.

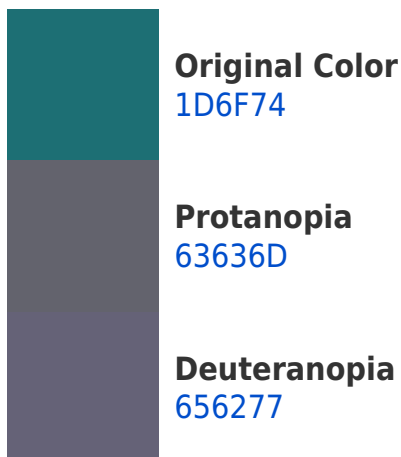


This preview shows how white text looks on a background with the Hex color 1D6F74.

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
206E77

Trichromacy



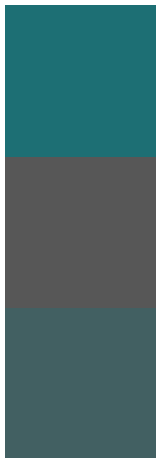
Original Color
1D6F74

Protanomaly
4A6770

Deuteranomaly
4B6776

Tritanomaly
1F6E76

Monochromacy



Original Color
1D6F74

Achromatopsia
575757

Achromatomaly
426062

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D6F74 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 #1D6F74 looks like.

```
.text, #text, p{  
    color:#1D6F74  
}
```

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 #1D6F74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6F74
}
```

Border

The CSS property to change the border of an element to Hex 1D6F74 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
#1D6F74 }
```

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

```
.border{ border-color:#1D6F74 }
```

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

Here you see how a box with a 4 pixel #1D6F74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6F74; -webkit-box-shadow:4px 4px  
4px 4px #1D6F74; box-shadow:4px 4px 4px  
4px #1D6F74 }
```

Background

The CSS property to change the background color of an element to Hex 1D6F74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6F74 }
```

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

```
.background{ background-color:#1D6F74 }
```

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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