

Converting Colors

Hex(2D7974)

Have a look what the booklet for
Hex(2D7974) contains.

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Color

Hex(2D7974)

Conversions

Conversions Part 1

Format	Color
Hex	2D7974
RGB	45, 121, 116
RGB Percent	18%, 47%, 45%
CMY	0.8235, 0.5255, 0.5451
CMYK	0.63, 0.00, 0.04, 0.53
HSL	176°, 46%, 33%
HSV	176°, 63%, 47%
XYZ	11.0719, 15.4936, 18.9300
YIQ	97.7060, -43.6910, -17.6670

Conversions

Conversions Part 2

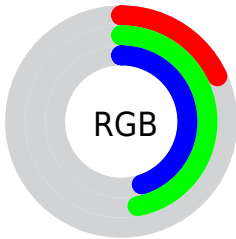
Format	Color
RYB	45, 84, 121
Decimal	2980212
CIELab	46.30, -24.35, -4.21
CIElCh	46, 24.715, 189.798
Yxy	15.4936, 0.2434, 0.3406
Android (android.graphics.Color)	4281170292 (0xFF2D7974)
YUV	97.7060, 9.0189, -46.2232
Hunter-Lab	39.3619, -18.6738, -0.9605

Details

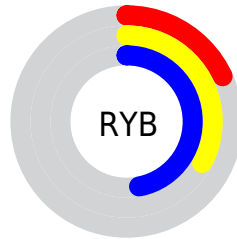
The Hex color **2D7974** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792D32**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **64AEA8**, and **004844** is the 20% darker color. If you saturate the color by 10%, you get **217973**, and if you desaturate by 10%, it is **397975**.

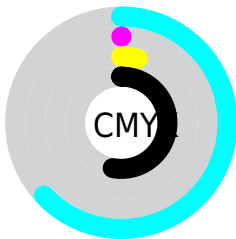
Distribution



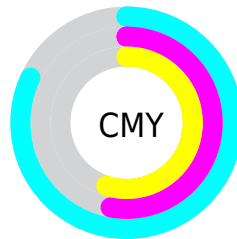
- Red (18%)
- Green (47%)
- Blue (45%)



- Red (18%)
- Yellow (33%)
- Blue (47%)



- Cyan (63%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7974 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 2D7974 by changing the saturation by 10% instead.

 2D7974

 2D7974

FFFFFF

 08605B

 64AEA8

 004844

 7FC9C3

 00312E

 9BE5DF

 001E19

 B7FFFC


 000000

 D4FFFF

 F1FFFF

 2D7974

 2D7974

 217973

 397975

■ 157972

■ 457976

■ 097972

■ 517976

■ 007971

■ 5D7977

■ 6A7978

■ 767979

■ 82797A

■ 8E797A

■ 9A797B

Harmonies

Analogous

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



45785F



2D7974



247888

Triad

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



2D7974



79668E



886847

Complementary

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



2D7974



792D32

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.



946154



2D7974



8D607C

Square

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



2D7974



5C6D96



965E68



756F45

Rectangle

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



2D7974



317591



965E68



8D654B

Sweetspot

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



2D7974



809E9C



32792D



3D4F4E



CFCFCF



4F4F4F

Same Dimension

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



2D7974



289E96



2D5879



373D3D



007D75



00FCEC

Inverse Universe

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



792D32



9E282F



794E2D



3D3737



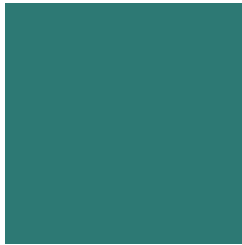
7D0008



FC0011

Previews

White Background



This preview shows how the Hex color 2D7974 looks on a white background.

Color Contrast Check

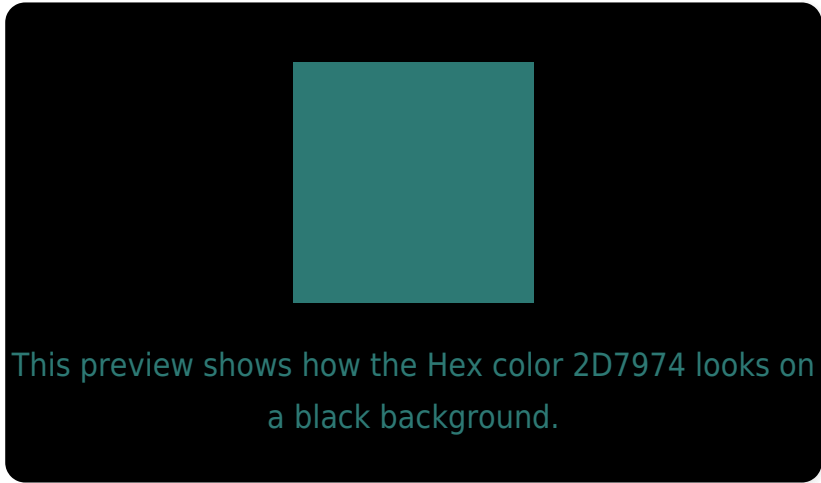
Large Text (above 18pt) WCAG AA ✓ Pass

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

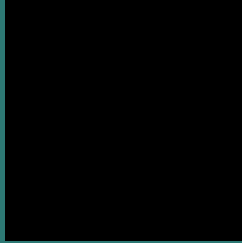
Any Text WCAG AA × Fail

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 2D7974 Background



This preview shows how black text looks on a background with the Hex color 2D7974.



This preview shows how white text looks on a background with the Hex color 2D7974.

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



Original Color
2D7974

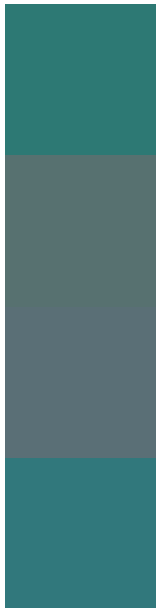
Protanopia
6F6D6D

Deuteranopia
736A77



Tritanopia
337781

Trichromacy



Original Color
2D7974

Protanomaly
577170

Deuteranomaly
5A6F76

Tritanomaly
31787C

Monochromacy



Original Color
2D7974

Achromatopsia
626262

Achromatomaly
4F6A69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7974 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 #2D7974 looks like.

```
.text, #text, p{  
    color:#2D7974  
}
```

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 #2D7974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7974
}
```

Border

The CSS property to change the border of an element to Hex 2D7974 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
#2D7974 }
```

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

```
.border{ border-color:#2D7974 }
```

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

Here you see how a box with a 4 pixel #2D7974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7974; -webkit-box-shadow:4px 4px  
4px 4px #2D7974; box-shadow:4px 4px 4px  
4px #2D7974 }
```

Background

The CSS property to change the background color of an element to Hex 2D7974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7974 }
```

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

```
.background{ background-color:#2D7974 }
```

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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