

Converting Colors

Hex(2D7977)

Have a look what the booklet for
Hex(2D7977) contains.

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Color

Hex(2D7977)

Conversions

Conversions Part 1

Format	Color
Hex	2D7977
RGB	45, 121, 119
RGB Percent	18%, 47%, 47%
CMY	0.8235, 0.5255, 0.5333
CMYK	0.63, 0.00, 0.02, 0.53
HSL	178°, 46%, 33%
HSV	178°, 63%, 47%
XYZ	11.2493, 15.5645, 19.8641
YIQ	98.0480, -44.6540, -16.7340

Conversions

Conversions Part 2

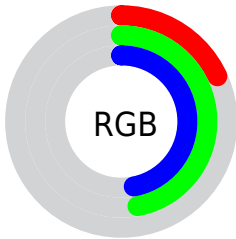
Format	Color
R_{YB}	45, 84, 121
Decimal	2980215
CIE _{Lab}	46.40, -23.47, -5.85
CIE _{LCh}	46, 24.185, 193.995
Yxy	15.5645, 0.2410, 0.3334
Android (android.graphics.Color)	4281170295 (0xFF2D7977)
YUV	98.0480, 10.3293, -46.5231
Hunter-Lab	39.4519, -18.1433, -2.2363

Details

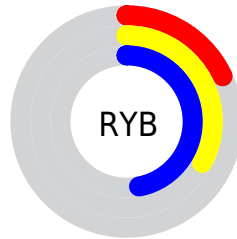
The Hex color **2D7977** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792D2F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **64AEAB**, and **004847** is the 20% darker color. If you saturate the color by 10%, you get **217977**, and if you desaturate by 10%, it is **397977**.

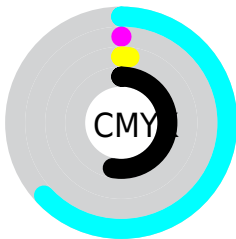
Distribution



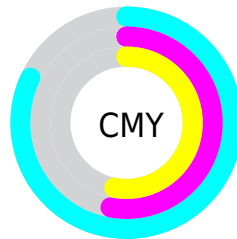
- Red (18%)
- Green (47%)
- Blue (47%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7977 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 2D7977 by changing the saturation by 10% instead.

 2D7977

 2D7977

FFFFFF

 07605E

 64AEAB

 004847

 80C9C6

 003130

 9BE5E2

 001E1B

 B7FFFF

 000000

 D4FFFF

 F1FFFF

 2D7977

 2D7977

 217977

 397977

■ 157976

■ 457978

■ 097976

■ 517978

■ 007976

■ 5D7978

■ 6A7979

■ 767979

■ 827979

■ 8E797A

■ 9A797A

Harmonies

Analogous

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



437862



2D7977



297789

Triad

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



2D7977



7C658B



856947

Complementary

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



2D7977



792D2F

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.



926253



2D7977



8F607A

Square

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



2D7977



616D95



965F65



727046

Rectangle

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



2D7977



387592



965F65



8B674A

Sweetspot

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



2D7977



809E9D



30792D



3D4F4F



CFCFCF



4F4F4F

Same Dimension

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



2D7977



289E9B



2D5679



373D3D



007D7A



00FCF6

Inverse Universe

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



792D2F



9E282B



79502D



3D3737



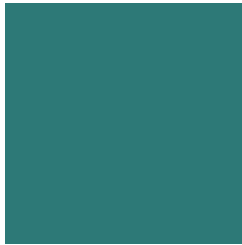
7D0003



FC0007

Previews

White Background



This preview shows how the Hex color 2D7977 looks on a white background.

Color Contrast Check

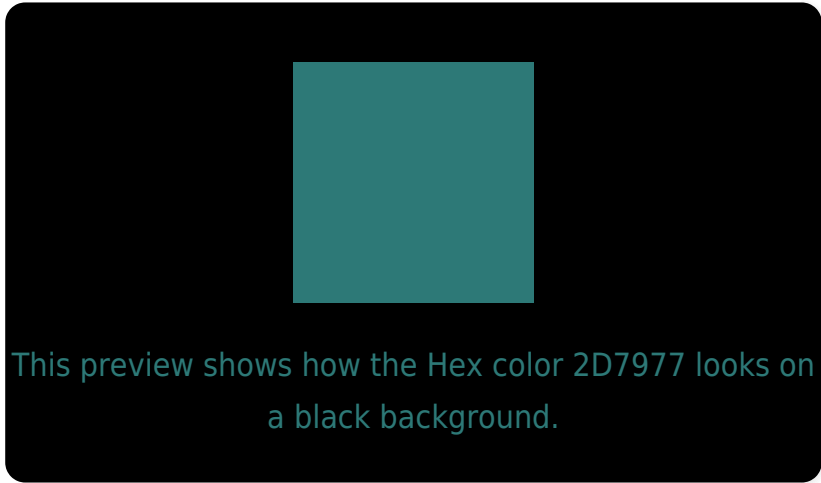
Large Text (above 18pt) WCAG AA ✓ Pass

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

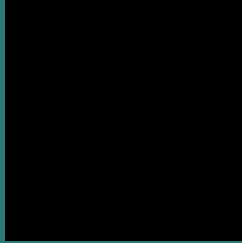
Any Text WCAG AA × Fail

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 2D7977 Background



This preview shows how black text looks on a background with the Hex color 2D7977.



This preview shows how white text looks on a background with the Hex color 2D7977.

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
2D7977

Protanopia
6F6D70

Deuteranopia
726A7A



Tritanopia
327781

Trichromacy



Original Color
2D7977

Protanomaly
577173

Deuteranomaly
596F79

Tritanomaly
30787D

Monochromacy



Original Color
2D7977

Achromatopsia
626262

Achromatomaly
4F6A6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7977 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 #2D7977 looks like.

```
.text, #text, p{  
    color:#2D7977  
}
```

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 #2D7977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7977  
}
```

Border

The CSS property to change the border of an element to Hex 2D7977 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  
#2D7977 }
```

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

```
.border{ border-color:#2D7977 }
```

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

Here you see how a box with a 4 pixel #2D7977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7977; -webkit-box-shadow:4px 4px  
4px 4px #2D7977; box-shadow:4px 4px 4px  
4px #2D7977 }
```

Background

The CSS property to change the background color of an element to Hex 2D7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7977 }
```

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

```
.background{ background-color:#2D7977 }
```

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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