

Converting Colors

Hex(2D8478)

Have a look what the booklet for
Hex(2D8478) contains.

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Color

Hex(2D8478)

Conversions

Conversions Part 1

Format	Color
Hex	2D8478
RGB	45, 132, 120
RGB Percent	18%, 52%, 47%
CMY	0.8235, 0.4824, 0.5294
CMYK	0.66, 0.00, 0.09, 0.48
HSL	172°, 49%, 35%
HSV	172°, 66%, 52%
XYZ	12.7236, 18.4165, 20.6534
YIQ	104.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

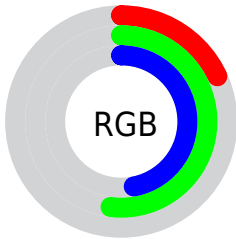
Format	Color
R_{YB}	45, 92, 132
Decimal	2983032
CIE _{Lab}	50.00, -28.70, -1.13
CIE _{LCh}	50, 28.717, 182.246
Yxy	18.4165, 0.2457, 0.3556
Android (android.graphics.Color)	4281173112 (0xFF2D8478)
YUV	104.6190, 7.5828, -52.2859
Hunter-Lab	42.9144, -22.1771, 1.5056

Details

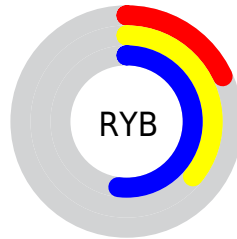
The Hex color **2D8478** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **842D39**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **66BAAC**, and **005248** is the 20% darker color. If you saturate the color by 10%, you get **208476**, and if you desaturate by 10%, it is **3A847A**.

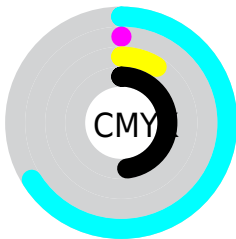
Distribution



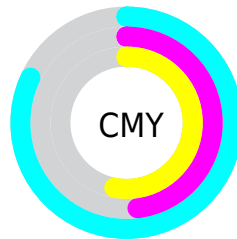
- Red (18%)
- Green (52%)
- Blue (47%)



- Red (18%)
- Yellow (36%)
- Blue (52%)



- Cyan (66%)
- Magenta (0%)
- Yellow (9%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8478 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 2D8478 by changing the saturation by 10% instead.

 2D8478

 2D8478

FFFFFF

 036A5F

 66BAAC

 005248

 82D5C7

 003A31

 9EF2E4

 00251C

 BAF0FF

 000003

 D7FFFF

 000000

 F4FFFF

 2D8478

 2D8478

 208476

 3A847A

■ 138474

■ 47847C

■ 058473

■ 55847D

■ 008472

■ 62847F

■ 6F8481

■ 7C8483

■ 898485

■ 978487

■ A48488

Harmonies

Analogous

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



4E825F



2D8478



0F8390

Triad

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



2D8478



7C70A0



9A6E4C

Complementary

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



2D8478



842D39

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.



A5665E



2D8478



97688E

Square

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



2D8478



5779A7



A56476



857646

Rectangle

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



2D8478



1E819D



A56476



9F6B51

Sweetspot

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



2D8478



89ABA6



3A842D



425754



D6D6D6



575757

Same Dimension

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



2D8478



24AB98



2D6684



3C4241



008270



000302

Inverse Universe

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



842D39



AB2436



844B2D



423C3D



820012



030000

Previews

White Background



This preview shows how the Hex color 2D8478 looks on a white background.

Color Contrast Check

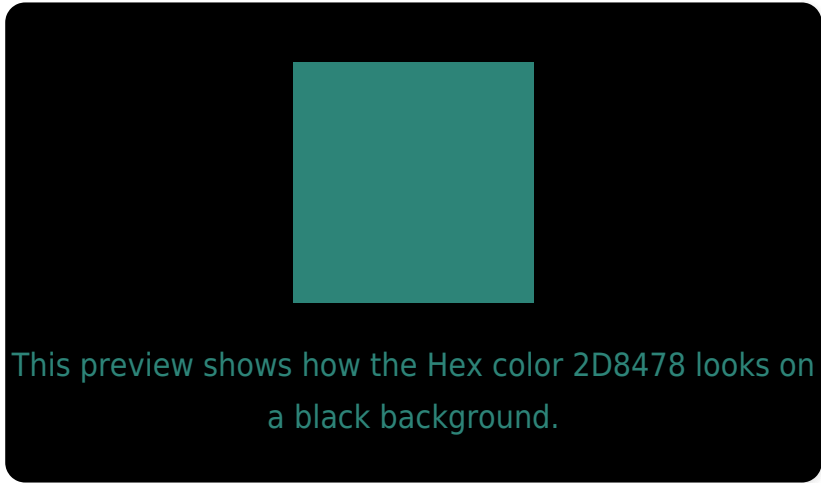
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

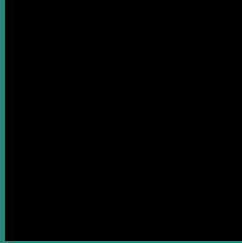
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2D8478 Background



This preview shows how black text looks on a background with the Hex color 2D8478.

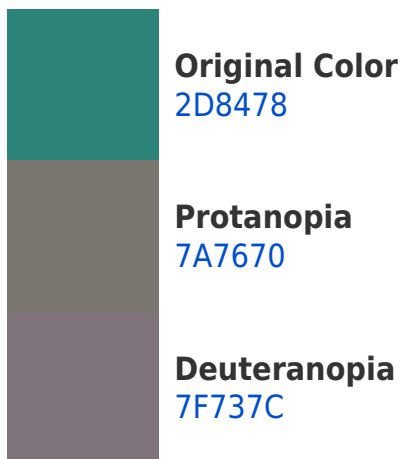



This preview shows how white text looks on a background with the Hex color 2D8478.

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
36818C

Trichromacy



Original Color
2D8478



Protanomaly
5E7B73



Deuteranomaly
61797B



Tritanomaly
338285

Monochromacy



Original Color
2D8478



Achromatopsia
696969



Achromatomaly
53736E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8478 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 #2D8478 looks like.

```
.text, #text, p{  
    color:#2D8478  
}
```

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 #2D8478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8478
}
```

Border

The CSS property to change the border of an element to Hex 2D8478 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
#2D8478 }
```

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

```
.border{ border-color:#2D8478 }
```

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

Here you see how a box with a 4 pixel #2D8478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8478; -webkit-box-shadow:4px 4px  
4px 4px #2D8478; box-shadow:4px 4px 4px  
4px #2D8478 }
```

Background

The CSS property to change the background color of an element to Hex 2D8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8478 }
```

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

```
.background{ background-color:#2D8478 }
```

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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