

Converting Colors

Hex(1DA478)

Have a look what the booklet for
Hex(1DA478) contains.

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Color

Hex(1DA478)

Conversions

Conversions Part 1

Format	Color
Hex	1DA478
RGB	29, 164, 120
RGB Percent	11%, 64%, 47%
CMY	0.8863, 0.3569, 0.5294
CMYK	0.82, 0.00, 0.27, 0.36
HSL	160°, 70%, 38%
HSV	160°, 82%, 64%
XYZ	17.1723, 28.1682, 22.3012
YIQ	118.6190, -66.3360, -42.3040

Conversions

Conversions Part 2

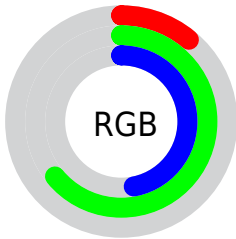
Format	Color
R_{YB}	29, 110, 164
Decimal	1942648
CIE _{Lab}	60.04, -45.10, 13.21
CIE _{LCh}	60, 46.994, 163.672
Yxy	28.1682, 0.2539, 0.4164
Android (android.graphics.Color)	4280132728 (0xFF1DA478)
YUV	118.6190, 0.6808, -78.5959
Hunter-Lab	53.0737, -35.1243, 12.2383

Details

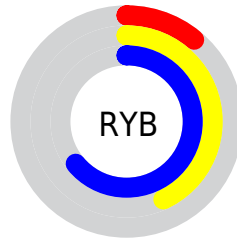
The Hex color **1DA478** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A41D49**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **63DCAC**, and **006F47** is the 20% darker color. If you saturate the color by 10%, you get **0DA473**, and if you desaturate by 10%, it is **2DA47D**.

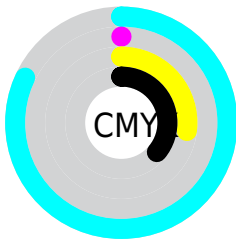
Distribution



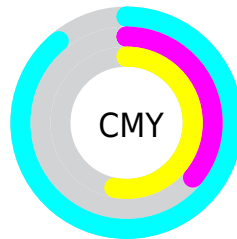
- Red (11%)
- Green (64%)
- Blue (47%)



- Red (11%)
- Yellow (43%)
- Blue (64%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DA478 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 1DA478 by changing the saturation by 10% instead.

 1DA478

 1DA478

FFFFFF

 00895F

 63DCAC

 006F47

 80F9C8

 005631

 9EFFE4

 003D1C

 BBFFFF

 002802

 D9FFFF

 000000

 F7FFFF

 1DA478

 1DA478

 0DA473

 2DA47D

■ 00A46F

■ 3EA483

■ 4EA488

■ 5FA48D

■ 6FA493

■ 7FA498

■ 90A49D

■ A0A4A3

■ B1A4A8

Harmonies

Analogous

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



689E52



1DA478



00A6A3

Triad

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



1DA478



6C8FE1



D57759

Complementary

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



1DA478



A41D49

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.



DE6E7F



1DA478



AC7ECD

Square

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



1DA478



009BE0



D170A9



BC8640

Rectangle

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



1DA478



00A4BD



D170A9



DB7365

Sweetspot

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



1DA478



A1D6C5



4AA41D



4B6B61



EBEBEB



6B6B6B

Same Dimension

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



1DA478



02D691



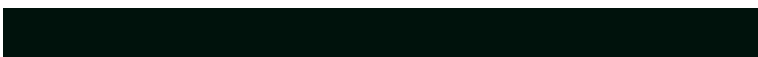
1D8DA4



49524F



009162



00120C

Inverse Universe

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



A41D49



D60247



A4341D



52494C



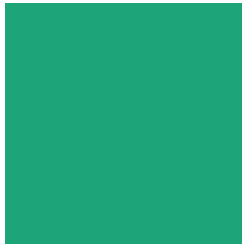
91002F



120006

Previews

White Background



This preview shows how the Hex color 1DA478 looks on a white background.

Color Contrast Check

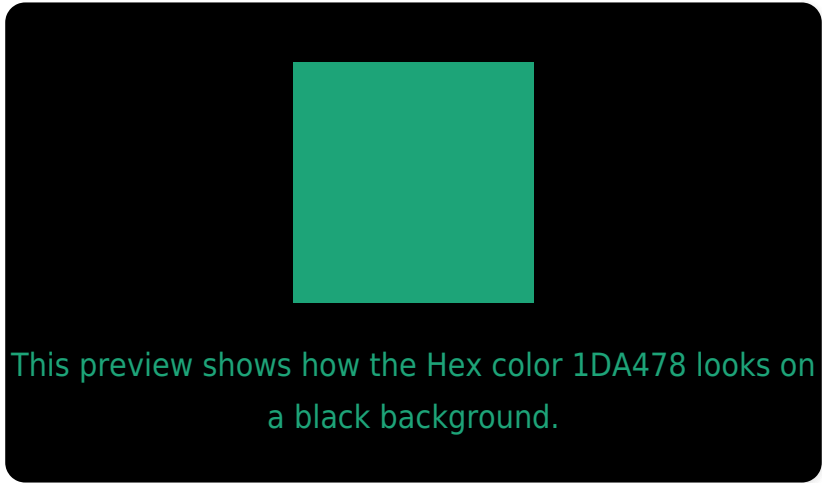
Large Text (above 18pt) WCAG AA ✓ Pass

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

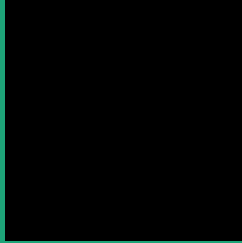
Any Text WCAG AA ✓ Pass

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 1DA478 Background



This preview shows how black text looks on a background with the Hex color 1DA478.



This preview shows how white text looks on a background with the Hex color 1DA478.

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](#).

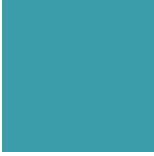
Dichromacy



Original Color
1DA478

Protanopia
998F6E

Deuteranopia
A48A7E



Tritanopia
3B9DAA

Trichromacy



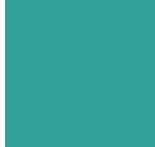
Original Color
1DA478



Protanomaly
6C9772



Deuteranomaly
73937C



Tritanomaly
30A098

Monochromacy



Original Color
1DA478



Achromatopsia
777777



Achromatomaly
568777

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DA478 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 #1DA478 looks like.

```
.text, #text, p{  
    color:#1DA478  
}
```

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 #1DA478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA478
}
```

Border

The CSS property to change the border of an element to Hex 1DA478 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
#1DA478 }
```

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

```
.border{ border-color:#1DA478 }
```

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

Here you see how a box with a 4 pixel #1DA478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA478; -webkit-box-shadow:4px 4px  
4px 4px #1DA478; box-shadow:4px 4px 4px  
4px #1DA478 }
```

Background

The CSS property to change the background color of an element to Hex 1DA478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA478 }
```

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

```
.background{ background-color:#1DA478 }
```

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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