

Converting Colors

Hex(15A47F)

Have a look what the booklet for
Hex(15A47F) contains.

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Color

Hex(15A47F)

Conversions

Conversions Part 1

Format	Color
Hex	15A47F
RGB	21, 164, 127
RGB Percent	8%, 64%, 50%
CMY	0.9176, 0.3569, 0.5020
CMYK	0.87, 0.00, 0.23, 0.36
HSL	164°, 77%, 36%
HSV	164°, 87%, 64%
XYZ	17.4155, 28.2427, 24.6122
YIQ	117.0250, -73.3510, -41.8230

Conversions

Conversions Part 2

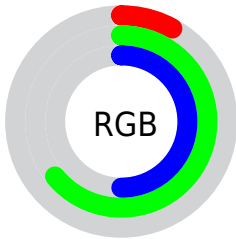
Format	Color
R _Y B	21, 103, 164
Decimal	1418367
CIE Lab	60.11, -44.06, 9.39
CIE LCh	60, 45.048, 167.972
Yxy	28.2427, 0.2478, 0.4019
Android (android.graphics.Color)	4279608447 (0xFF15A47F)
YUV	117.0250, 4.9177, -84.2139
Hunter-Lab	53.1438, -34.5064, 9.7421

Details

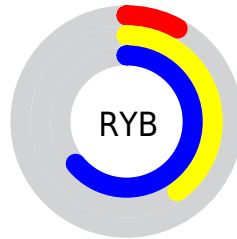
The Hex color **15A47F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A4153A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **60DCB4**, and **006F4E** is the 20% darker color. If you saturate the color by 10%, you get **05A47B**, and if you desaturate by 10%, it is **25A483**.

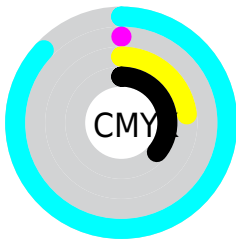
Distribution



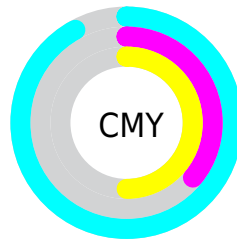
- Red (8%)
- Green (64%)
- Blue (50%)



- Red (8%)
- Yellow (40%)
- Blue (64%)



- Cyan (87%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)



- Cyan (92%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15A47F 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 15A47F by changing the saturation by 10% instead.


 15A47F

 15A47F

FFFFFF

 008966

 60DCB4

 006F4E

 7EF9CF

 005637

 9BFFEC

 003D22

 B9FFFF

 00280C

 D7FFFF

 000100

 F5FFFF

 000000

 15A47F

 15A47F

 05A47B

 25A483

■ 00A47A

■ 36A487

■ 46A48C

■ 57A490

■ 67A494

■ 77A498

■ 88A49D

■ 98A4A1

■ A9A4A5

Harmonies

Analogous

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



639F5A



15A47F



00A5A8

Triad

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



15A47F



7A8DDC



D17B57

Complementary

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



15A47F



A4153A

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.



DC707A



15A47F



B27DC6

Square

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



15A47F



009ADE



D271A3



B68942

Rectangle

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



15A47F



00A3C1



D271A3



D67662

Sweetspot

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



15A47F



9FD6C8



3BA415



4A6B63



EBEBEB



6B6B6B

Same Dimension

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



15A47F



00D69F



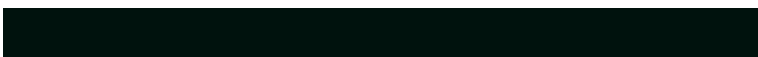
1583A4



49524F



00916C



00120D

Inverse Universe

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



A4153A



D60037



A43615



52494C



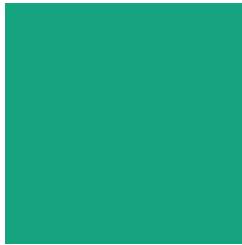
910026



120005

Previews

White Background



This preview shows how the Hex color 15A47F looks on a white background.

Color Contrast Check

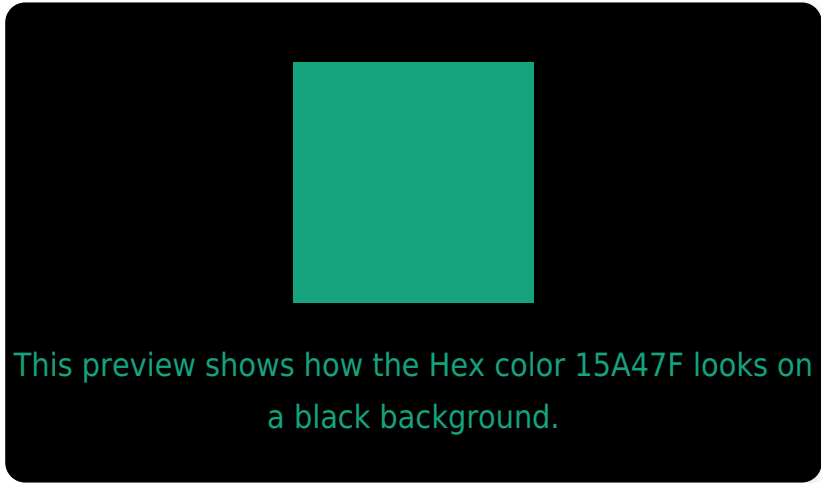
Large Text (above 18pt) WCAG AA ✓ Pass

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

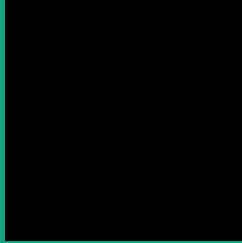
Any Text WCAG AA ✓ Pass

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 15A47F Background



This preview shows how black text looks on a background with the Hex color 15A47F.

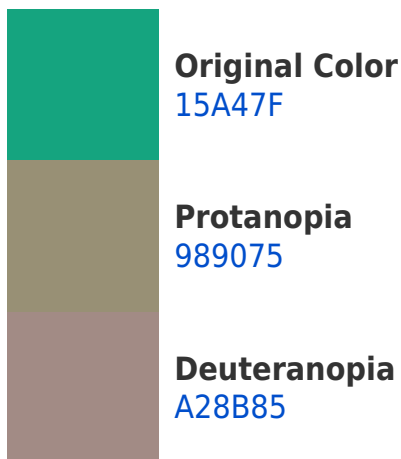


This preview shows how white text looks on a background with the Hex color 15A47F.

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](#).

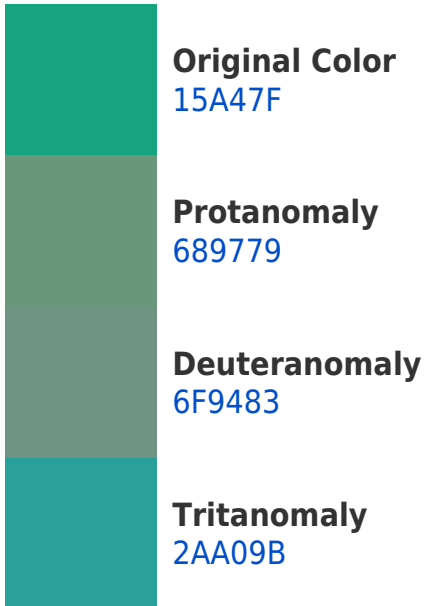
Dichromacy



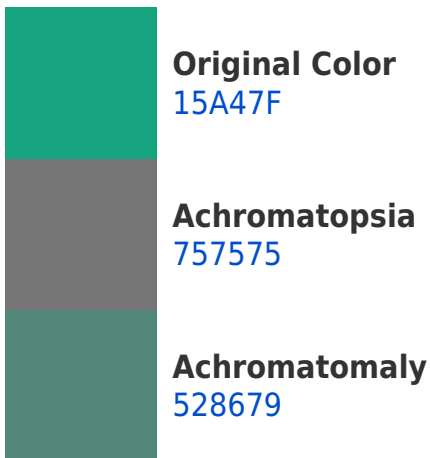


Tritanopia
369EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15A47F 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 #15A47F looks like.

```
.text, #text, p{  
    color:#15A47F  
}
```

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 #15A47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15A47F
}
```

Border

The CSS property to change the border of an element to Hex 15A47F 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
#15A47F }
```

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

```
.border{ border-color:#15A47F }
```

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

Here you see how a box with a 4 pixel #15A47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15A47F; -webkit-box-shadow:4px 4px  
4px 4px #15A47F; box-shadow:4px 4px 4px  
4px #15A47F }
```

Background

The CSS property to change the background color of an element to Hex 15A47F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15A47F }
```

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

```
.background{ background-color:#15A47F }
```

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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