

# Converting Colors

Hex(26947A)

Have a look what the booklet for  
Hex(26947A) contains.

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# Color

Hex(26947A)

# Conversions

## Conversions Part 1

Format	Color
Hex	26947A
RGB	38, 148, 122
RGB Percent	15%, 58%, 48%
CMY	0.8510, 0.4196, 0.5216
CMYK	0.74, 0.00, 0.18, 0.42
HSL	166°, 59%, 36%
HSV	166°, 74%, 58%
XYZ	14.9021, 22.9970, 22.0658
YIQ	112.1460, -57.2140, -31.4060

# Conversions

## Conversions Part 2

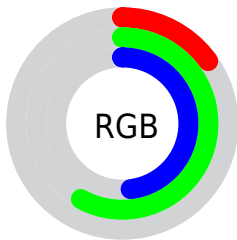
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 100, 148
Decimal	2528378
CIE <sub>Lab</sub>	55.07, -36.72, 5.06
CIE <sub>LCh</sub>	55, 37.067, 172.159
Yxy	22.9970, 0.2485, 0.3835
Android (android.graphics.Color)	4280718458 (0xFF26947A)
YUV	112.1460, 4.8580, -65.0260
Hunter-Lab	47.9552, -28.4527, 6.2873

# Details

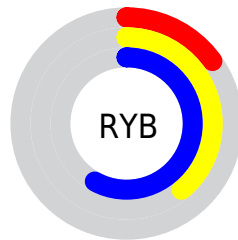
The Hex color **26947A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **942640**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **64CBAE**, and **006049** is the 20% darker color. If you saturate the color by 10%, you get **179477**, and if you desaturate by 10%, it is **35947D**.

# Distribution



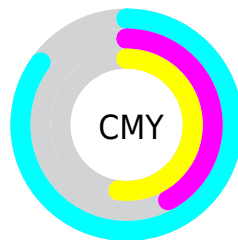
- Red (15%)
- Green (58%)
- Blue (48%)



- Red (15%)
- Yellow (39%)
- Blue (58%)



- Cyan (74%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26947A 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 26947A by changing the saturation by 10% instead.



 26947A

 26947A

FFFFFF

 007A61

 64CBAE

 006049

 81E7CA

 004833

 9DFFE6

 00301E

 BAEFFF

 001A05


 D7FFFF

 000000

 F5FFFF

 26947A

 26947A

 179477

 35947D

089473

449481

009471

529484

619488

70948B

7F948F

8E9492

9C9496

AB9499

# Harmonies

## Analogous

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



5A905B



26947A



00949B

# Triad

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



26947A



7A7FBF



B67452

# Complementary

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



26947A



942640

# 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.



C16B6D



26947A



A473AC

# Square

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



26947A



3D8AC3



BC6B8E



9F7F43

# Rectangle

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



26947A



0093AE



BC6B8E



BB705A



# Sweetspot

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



26947A



95BFB5



429426



48615B



E0E0E0



616161



# Same Dimension

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



26947A



15BF97



267994



434A48



008A69



000A08



# Inverse Universe

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



942640



BF153D



944226



4A4344



8A0021

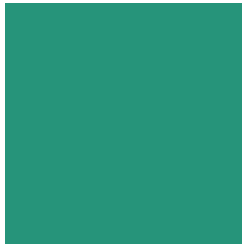


0A0002



# Previews

## White Background



This preview shows how the Hex color 26947A looks on a white background.

## Color Contrast Check

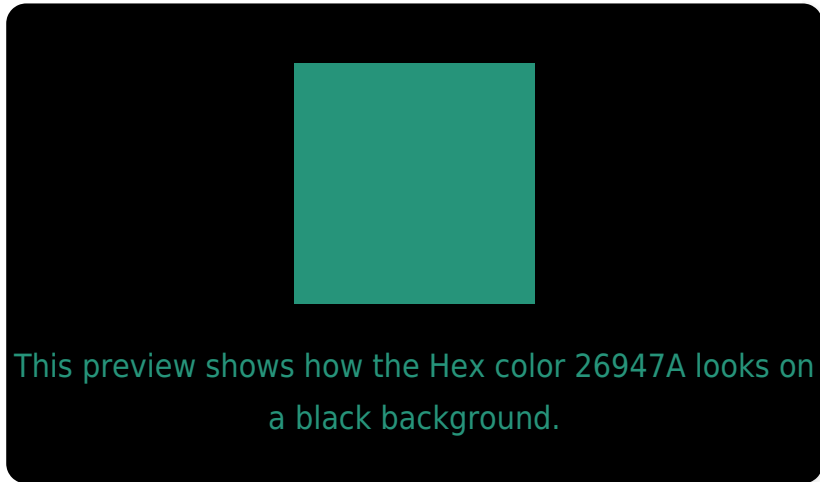
Large Text (above 18pt) WCAG AA ✓ Pass

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

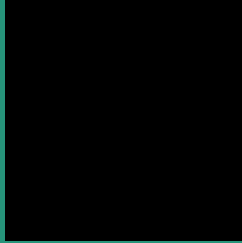
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 26947A Background



This preview shows how black text looks on a background with the Hex color 26947A.



This preview shows how white text looks on a background with the Hex color 26947A.

# 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](#).

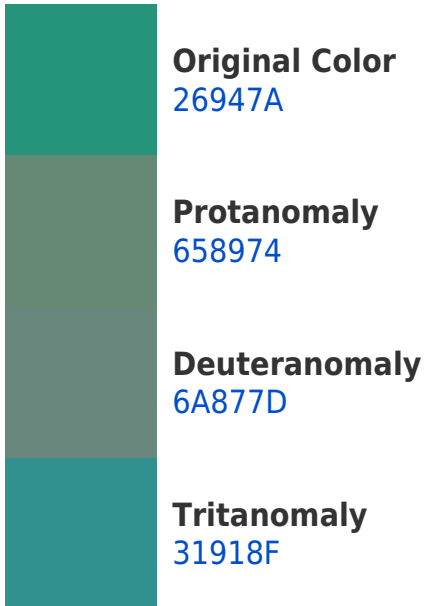
## Dichromacy



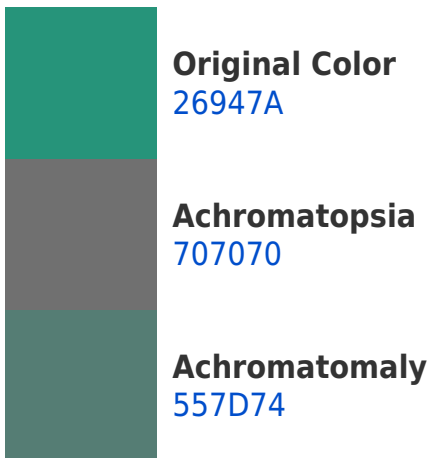


**Tritanopia**  
388F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26947A 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 #26947A looks like.

```
.text, #text, p{  
    color:#26947A  
}
```

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 #26947A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26947A
}
```

## Border

The CSS property to change the border of an element to Hex 26947A 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
#26947A }
```

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

```
.border{ border-color:#26947A }
```

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

Here you see how a box with a 4 pixel #26947A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26947A; -webkit-box-shadow:4px 4px  
4px 4px #26947A; box-shadow:4px 4px 4px  
4px #26947A }
```

# Background

The CSS property to change the background color of an element to Hex 26947A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26947A }
```

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

```
.background{ background-color:#26947A }
```

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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