

Converting Colors

Hex(32947E)

Have a look what the booklet for
Hex(32947E) contains.

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Color

Hex(32947E)

Conversions

Conversions Part 1

Format	Color
Hex	32947E
RGB	50, 148, 126
RGB Percent	20%, 58%, 49%
CMY	0.8039, 0.4196, 0.5059
CMYK	0.66, 0.00, 0.15, 0.42
HSL	167°, 49%, 39%
HSV	167°, 66%, 58%
XYZ	15.6712, 23.3643, 23.4225
YIQ	116.1900, -51.3460, -27.6180

Conversions

Conversions Part 2

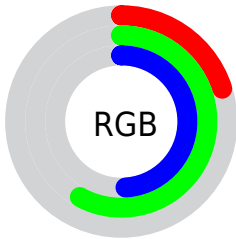
Format	Color
RYB	50, 105, 148
Decimal	3314814
CIELab	55.45, -33.78, 3.35
CIELCh	55, 33.948, 174.344
Yxy	23.3643, 0.2509, 0.3741
Android (android.graphics.Color)	4281504894 (0xFF32947E)
YUV	116.1900, 4.8363, -58.0486
Hunter-Lab	48.3366, -26.7177, 5.1055

Details

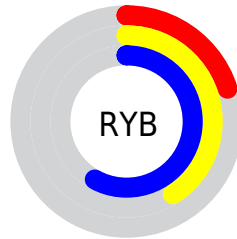
The Hex color **32947E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **943248**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6CCBB3**, and **00604D** is the 20% darker color. If you saturate the color by 10%, you get **23947B**, and if you desaturate by 10%, it is **419481**.

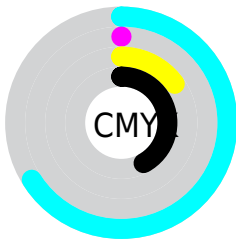
Distribution



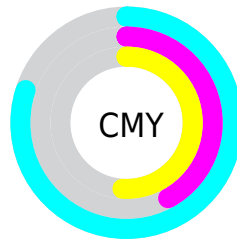
- Red (20%)
- Green (58%)
- Blue (49%)



- Red (20%)
- Yellow (41%)
- Blue (58%)



- Cyan (66%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (80%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32947E 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 32947E by changing the saturation by 10% instead.

 32947E

 32947E

FFFFFF

 077A65

 6CCBB3

 00604D

 88E7CE

 004836

 A5FFEA

 003121

 C1FFFF

 001C0B

 DFFFFF

 000000

 FCFFFF

 32947E

 32947E

 23947B

 419481

■ 149477

■ 509485

■ 069474

■ 5E9488

■ 009473

■ 6D948B

■ 7C948F

■ 8B9492

■ 9A9495

■ A89499

■ B7949C

Harmonies

Analogous

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



5D9161



32947E



00949C

Triad

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



32947E



807FBA



B37756

Complementary

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



32947E



943248

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.



BD6F6E



32947E



A475A7

Square

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



32947E



4D89BF



B96E8C



9D814A

Rectangle

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



32947E



0092AD



B96E8C



B8745D

Sweetspot

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



32947E



99BFB7



499432



4A615C



E0E0E0



616161

Same Dimension

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



32947E



28BF9D



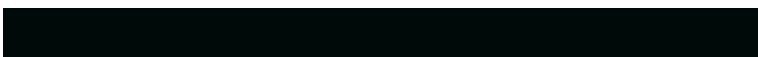
327A94



434A48



008A6B



000A08

Inverse Universe

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



943248



BF284A



944C32



4A4344



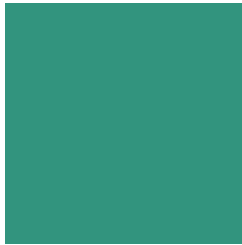
8A001F



0A0002

Previews

White Background



This preview shows how the Hex color 32947E looks on a white background.

Color Contrast Check

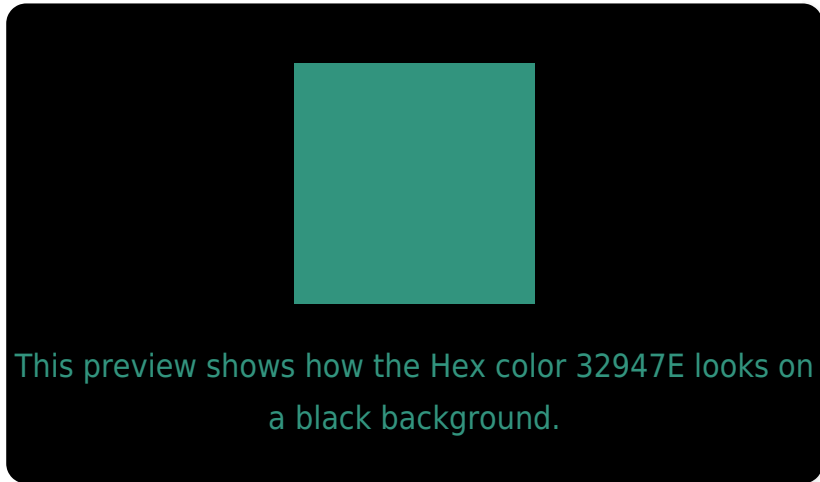
Large Text (above 18pt) WCAG AA ✓ Pass

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

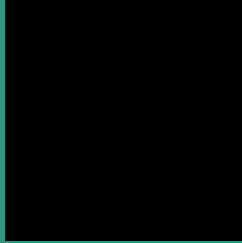
Any Text WCAG AA ✓ Pass

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 32947E Background



This preview shows how black text looks on a background with the Hex color 32947E.

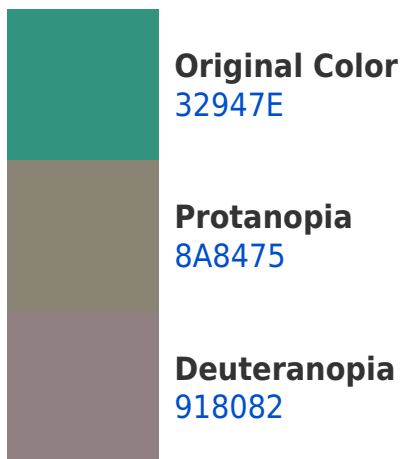


This preview shows how white text looks on a background with the Hex color 32947E.

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](#).

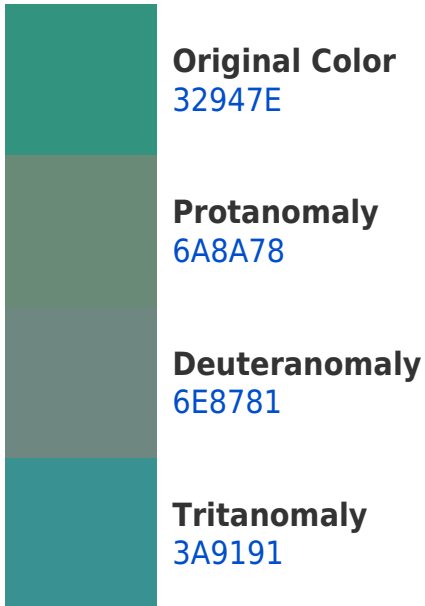
Dichromacy



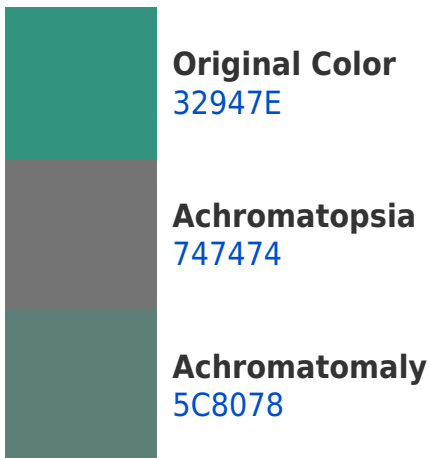


Tritanopia
3F909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 32947E 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 #32947E looks like.

```
.text, #text, p{  
    color:#32947E  
}
```

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 #32947E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32947E
}
```

Border

The CSS property to change the border of an element to Hex 32947E 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
#32947E }
```

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

```
.border{ border-color:#32947E }
```

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

Here you see how a box with a 4 pixel #32947E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32947E; -webkit-box-shadow:4px 4px  
4px 4px #32947E; box-shadow:4px 4px 4px  
4px #32947E }
```

Background

The CSS property to change the background color of an element to Hex 32947E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32947E }
```

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

```
.background{ background-color:#32947E }
```

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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