

Converting Colors

Hex(42947D)

Have a look what the booklet for
Hex(42947D) contains.

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Color

Hex(42947D)

Conversions

Conversions Part 1

Format	Color
Hex	42947D
RGB	66, 148, 125
RGB Percent	26%, 58%, 49%
CMY	0.7412, 0.4196, 0.5098
CMYK	0.55, 0.00, 0.16, 0.42
HSL	163°, 38%, 42%
HSV	163°, 55%, 58%
XYZ	16.5383, 23.8187, 23.1278
YIQ	120.8600, -41.4890, -24.5370

Conversions

Conversions Part 2

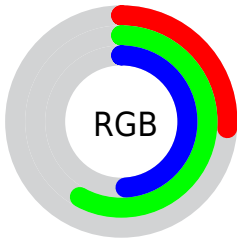
Format	Color
R_{YB}	66, 114, 148
Decimal	4363389
CIE _{Lab}	55.91, -30.80, 4.64
CIE _{LCh}	56, 31.148, 171.425
Yxy	23.8187, 0.2605, 0.3752
Android (android.graphics.Color)	4282553469 (0xFF42947D)
YUV	120.8600, 2.0410, -48.1122
Hunter-Lab	48.8044, -24.9195, 6.0663

Details

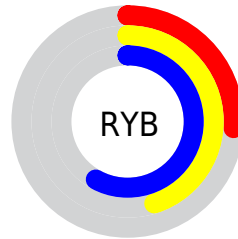
The Hex color **42947D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **944259**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **79CBB2**, and **00614C** is the 20% darker color. If you saturate the color by 10%, you get **339479**, and if you desaturate by 10%, it is **519481**.

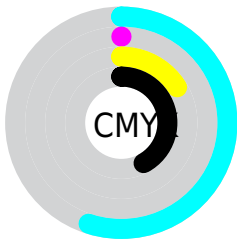
Distribution



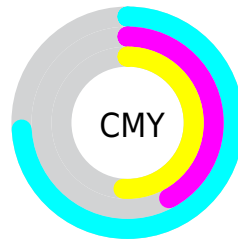
- Red (26%)
- Green (58%)
- Blue (49%)



- Red (26%)
- Yellow (45%)
- Blue (58%)



- Cyan (55%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (74%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42947D 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 42947D by changing the saturation by 10% instead.

 42947D

 42947D

FFFFFF

 257A64

 79CBB2

 00614C

 94E7CD

 004836

 B0FFE9

 003120

 CDFFFF

 001D09

 EAFFFF

 000000

 42947D

 42947D

 339479

 519481

 249475

 609485

■ 169471

■ 6E9489

■ 07946C

■ 7D948E

■ 00946A

■ 8C9492

■ 9B9496

■ AA949A

■ B8949E

■ C794A2

Harmonies

Analogous

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



659163



42947D



1D9499

Triad

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



42947D



7E82B8



B2785D

Complementary

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



42947D



944259

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.



BB7274



42947D



A178A8

Square

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



42947D



528BBB



B5728F



9F8250

Rectangle

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



42947D



1793A9



B5728F



B77663

Sweetspot

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



42947D



9FBFB6



599442



4E615B



E0E0E0



616161

Same Dimension

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



42947D



41BF9C



428294



434A48



008A63



000A07

Inverse Universe

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



944259



BF4164



945442



4A4345



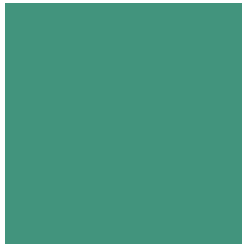
8A0027



0A0003

Previews

White Background



This preview shows how the Hex color 42947D looks on a white background.

Color Contrast Check

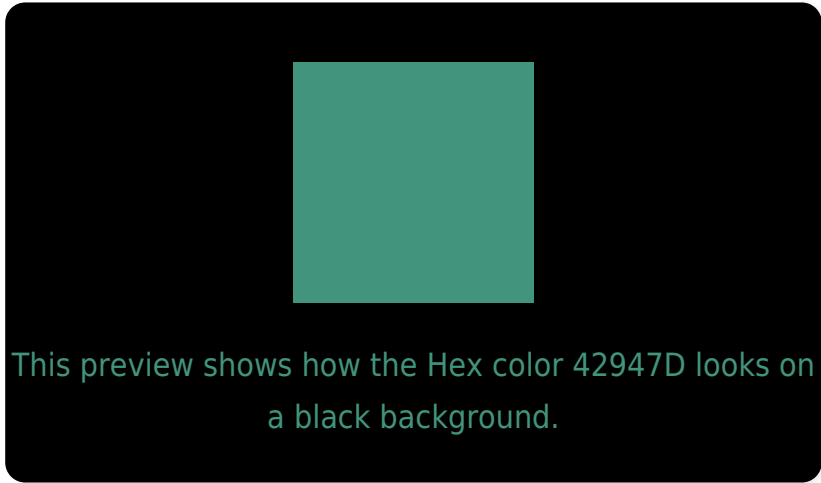
Large Text (above 18pt) WCAG AA ✓ Pass

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

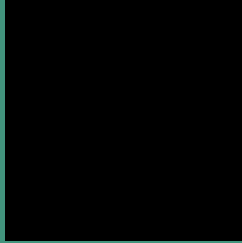
Any Text WCAG AA ✓ Pass

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 42947D Background



This preview shows how black text looks on a background with the Hex color 42947D.

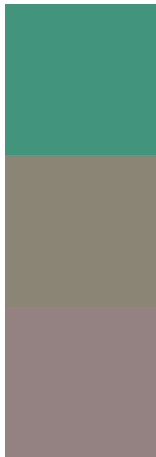


This preview shows how white text looks on a background with the Hex color 42947D.

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
42947D

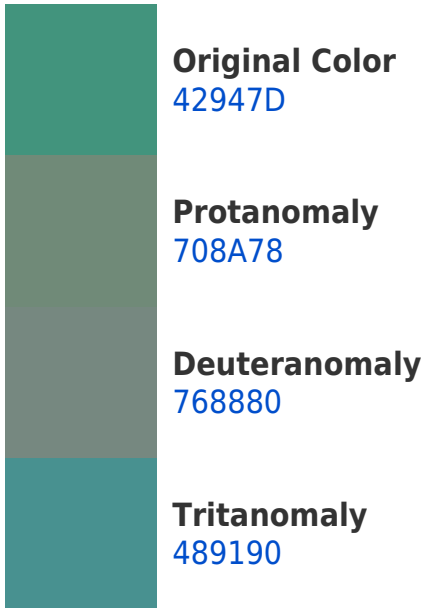
Protanopia
8B8575

Deuteranopia
948181

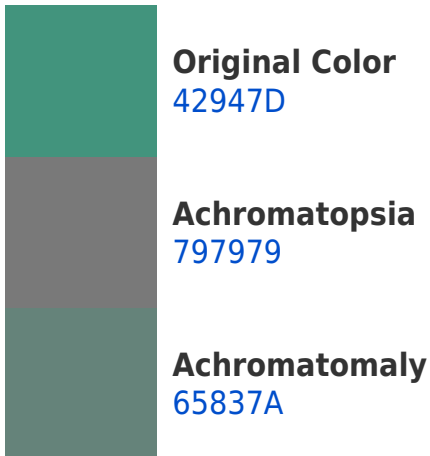


Tritanopia
4C909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42947D 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 #42947D looks like.

```
.text, #text, p{  
    color:#42947D  
}
```

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 #42947D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42947D
}
```

Border

The CSS property to change the border of an element to Hex 42947D 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
#42947D }
```

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

```
.border{ border-color:#42947D }
```

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

Here you see how a box with a 4 pixel #42947D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42947D; -webkit-box-shadow:4px 4px  
4px 4px #42947D; box-shadow:4px 4px 4px  
4px #42947D }
```

Background

The CSS property to change the background color of an element to Hex 42947D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42947D }
```

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

```
.background{ background-color:#42947D }
```

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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