

Converting Colors

Hex(40957D)

Have a look what the booklet for
Hex(40957D) contains.

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Color

Hex(40957D)

Conversions

Conversions Part 1

Format	Color
Hex	40957D
RGB	64, 149, 125
RGB Percent	25%, 58%, 49%
CMY	0.7490, 0.4157, 0.5098
CMYK	0.57, 0.00, 0.16, 0.42
HSL	163°, 40%, 42%
HSV	163°, 57%, 58%
XYZ	16.5635, 24.0655, 23.1742
YIQ	120.8490, -42.9560, -25.4840

Conversions

Conversions Part 2

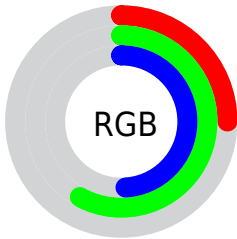
Format	Color
RYB	64, 113, 149
Decimal	4232573
CIELab	56.15, -31.73, 4.99
CIELCh	56, 32.115, 171.059
Yxy	24.0655, 0.2596, 0.3772
Android (android.graphics.Color)	4282422653 (0xFF40957D)
YUV	120.8490, 2.0464, -49.8566
Hunter-Lab	49.0567, -25.5805, 6.3313

Details

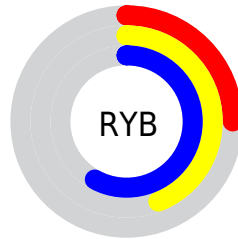
The Hex color **40957D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **954058**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **77CCB2**, and **00624C** is the 20% darker color. If you saturate the color by 10%, you get **319579**, and if you desaturate by 10%, it is **4F9581**.

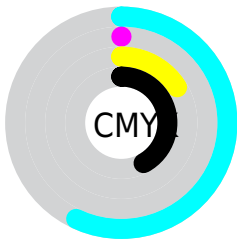
Distribution



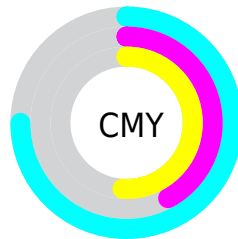
- Red (25%)
- Green (58%)
- Blue (49%)



- Red (25%)
- Yellow (44%)
- Blue (58%)



- Cyan (57%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (75%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40957D 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 40957D by changing the saturation by 10% instead.

 40957D

 40957D

FFFFFF

 227B64

 77CCB2

 00624C

 93E8CD

 004936

 AFFFE9

 003220

 CBFFFF


 001E09

 E8FFFF

 000000

 40957D

 40957D

 319579

 4F9581

 229575

 5E9585

■ 139570

■ 6D958A

■ 04956C

■ 7C958E

■ 00956B

■ 8B9592

■ 999596

■ A8959A

■ B7959F

■ C695A3

Harmonies

Analogous

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



659263



40957D



13959A

Triad

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



40957D



7E82BB



B4785C

Complementary

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



40957D



954058

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.



BD7274



40957D



A278AA

Square

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



40957D



4F8CBD



B77290



A0824F

Rectangle

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



40957D



0794AA



B77290



B97663

Sweetspot

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



40957D



A1C2B8



589540



4E615B



E0E0E0



616161

Same Dimension

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



40957D



3EC29D



408395



434A48



008A63



000A07

Inverse Universe

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



954058



C23E63



955240



4A4345



8A0027



0A0003

Previews

White Background



This preview shows how the Hex color 40957D looks on a white background.

Color Contrast Check

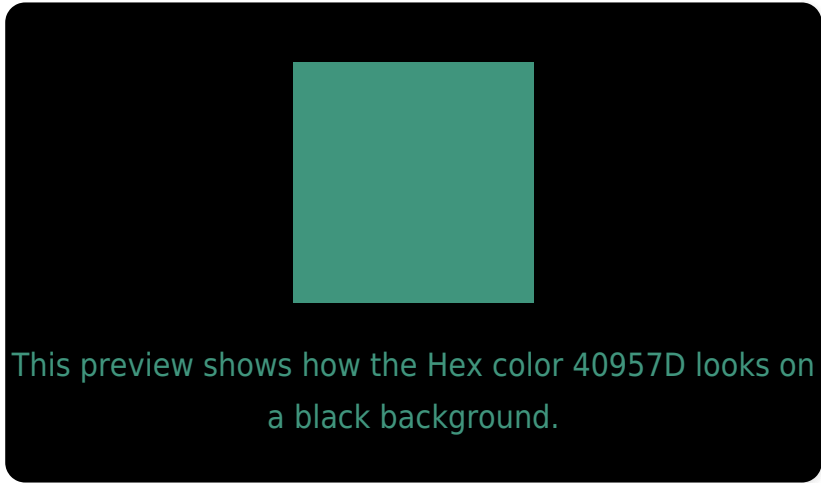
Large Text (above 18pt) WCAG AA ✓ Pass

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

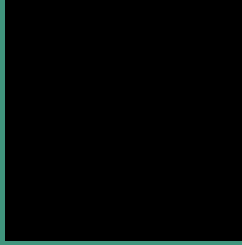
Any Text WCAG AA ✓ Pass

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 40957D Background



This preview shows how black text looks on a background with the Hex color 40957D.

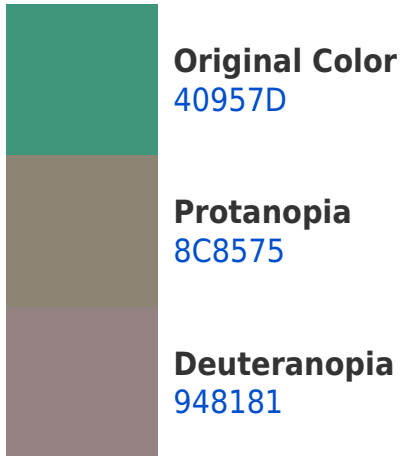


This preview shows how white text looks on a background with the Hex color 40957D.

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



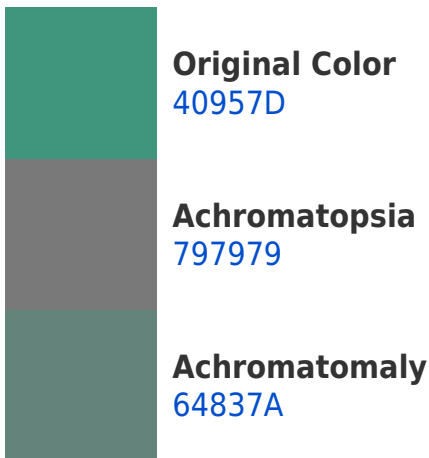


Tritanopia
4B919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40957D 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 #40957D looks like.

```
.text, #text, p{  
    color:#40957D  
}
```

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 #40957D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40957D
}
```

Border

The CSS property to change the border of an element to Hex 40957D 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
#40957D }
```

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

```
.border{ border-color:#40957D }
```

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

Here you see how a box with a 4 pixel #40957D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40957D; -webkit-box-shadow:4px 4px  
4px 4px #40957D; box-shadow:4px 4px 4px  
4px #40957D }
```

Background

The CSS property to change the background color of an element to Hex 40957D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40957D }
```

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

```
.background{ background-color:#40957D }
```

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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