

Converting Colors

Hex(37975C)

Have a look what the booklet for
Hex(37975C) contains.

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Color

Hex(37975C)

Conversions

Conversions Part 1

Format	Color
Hex	37975C
RGB	55, 151, 92
RGB Percent	22%, 59%, 36%
CMY	0.7843, 0.4078, 0.6392
CMYK	0.64, 0.00, 0.39, 0.41
HSL	143°, 47%, 40%
HSV	143°, 64%, 59%
XYZ	14.5739, 23.7181, 13.9351
YIQ	115.5700, -38.2770, -38.7010

Conversions

Conversions Part 2

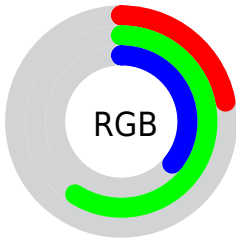
Format	Color
RYB	55, 124, 151
Decimal	3643228
CIELab	55.80, -41.88, 23.01
CIELCh	56, 47.789, 151.215
Yxy	23.7181, 0.2790, 0.4541
Android (android.graphics.Color)	4281833308 (0xFF37975C)
YUV	115.5700, -11.6200, -53.1199
Hunter-Lab	48.7013, -31.8109, 17.1259

Details

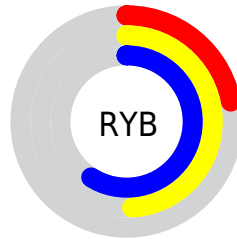
The Hex color **37975C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **973772**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **70CE8F**, and **00632D** is the 20% darker color. If you saturate the color by 10%, you get **289753**, and if you desaturate by 10%, it is **469765**.

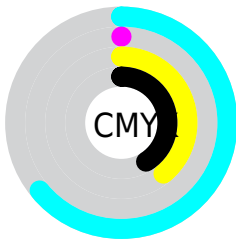
Distribution



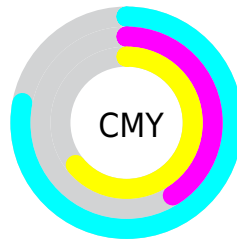
- Red (22%)
- Green (59%)
- Blue (36%)



- Red (22%)
- Yellow (49%)
- Blue (59%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (41%)



- Cyan (78%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37975C 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 37975C by changing the saturation by 10% instead.

 37975C

 37975C

FFFFFF

 147D44

 70CE8F

 00632D

 8CEBA9

 004A17

 A8FFC5

 003300

 C5FFE1

 001D00

 E2FFFE

 000000

 37975C

 37975C

 289753

 469765

 199749

 55976F

0A9740

649778

00973A

739781

83978A

929794

A1979D

B097A6

BF97B0

Harmonies

Analogous

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



71903B



37975C



009A86

Triad

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



37975C



318AD9



D0665D

Complementary

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



37975C



973772

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.



D06186



37975C



8A7ACD

Square

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



37975C



0094CE



BA6AAE



BC753D

Rectangle

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



37975C



009AA2



BA6AAE



D2636A

Sweetspot

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



37975C



9FC4AD



729737



4D6355



E3E3E3



636363

Same Dimension

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



37975C



2FC469



37978C



454D48



008C36



000D05

Inverse Universe

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



973772



C42F8B



973742



4D454A



8C0056



0D0008

Previews

White Background



This preview shows how the Hex color 37975C looks on a white background.

Color Contrast Check

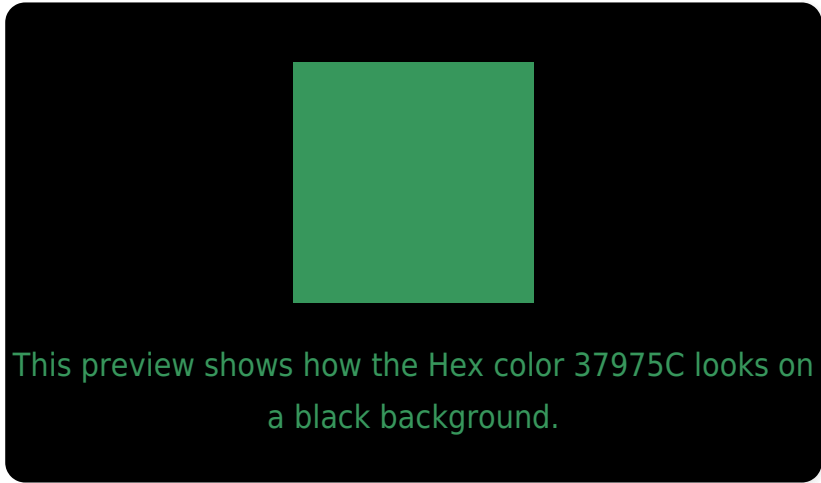
Large Text (above 18pt) WCAG AA ✓ Pass

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

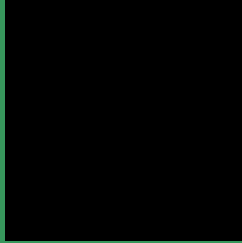
Any Text WCAG AA ✓ Pass

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 37975C Background



This preview shows how black text looks on a background with the Hex color 37975C.



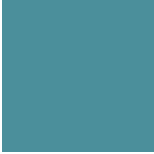
This preview shows how white text looks on a background with the Hex color 37975C.

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](#).

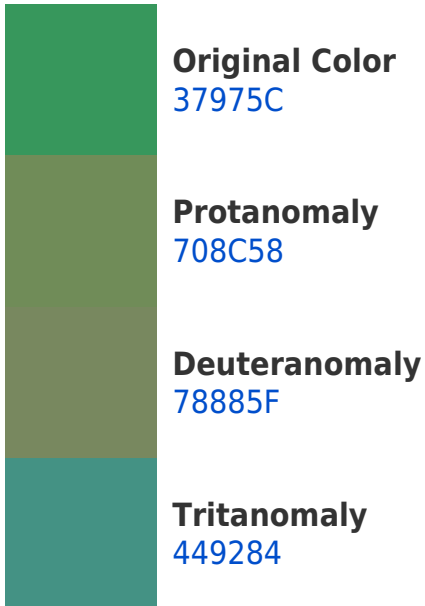
Dichromacy



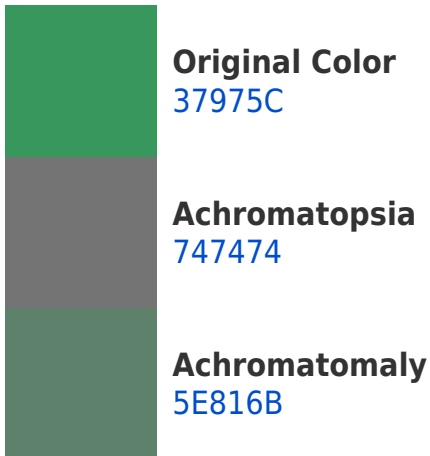


Tritanopia
4B8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37975C 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 #37975C looks like.

```
.text, #text, p{  
    color:#37975C  
}
```

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 #37975C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37975C
}
```

Border

The CSS property to change the border of an element to Hex 37975C 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
#37975C }
```

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

```
.border{ border-color:#37975C }
```

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

Here you see how a box with a 4 pixel #37975C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37975C; -webkit-box-shadow:4px 4px  
4px 4px #37975C; box-shadow:4px 4px 4px  
4px #37975C }
```

Background

The CSS property to change the background color of an element to Hex 37975C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37975C }
```

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

```
.background{ background-color:#37975C }
```

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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