

Converting Colors

Hex(37775C)

Have a look what the booklet for
Hex(37775C) contains.

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Color

Hex(37775C)

Conversions

Conversions Part 1

Format	Color
Hex	37775C
RGB	55, 119, 92
RGB Percent	22%, 47%, 36%
CMY	0.7843, 0.5333, 0.6392
CMYK	0.54, 0.00, 0.23, 0.53
HSL	155°, 37%, 34%
HSV	155°, 54%, 47%
XYZ	10.1041, 14.7786, 12.4452
YIQ	96.7860, -29.4770, -21.9650

Conversions

Conversions Part 2

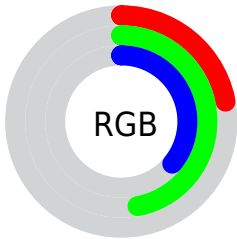
Format	Color
RYB	55, 96, 119
Decimal	3635036
CIELab	45.33, -27.49, 8.68
CIELCh	45, 28.829, 162.478
Yxy	14.7786, 0.2707, 0.3959
Android (android.graphics.Color)	4281825116 (0xFF37775C)
YUV	96.7860, -2.3595, -36.6463
Hunter-Lab	38.4429, -20.3591, 7.7159

Details

The Hex color **37775C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773752**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6BAC8E**, and **00462E** is the 20% darker color. If you saturate the color by 10%, you get **2B7757**, and if you desaturate by 10%, it is **437761**.

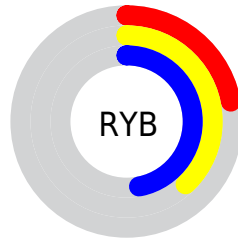
Distribution



Red (22%)

Green (47%)

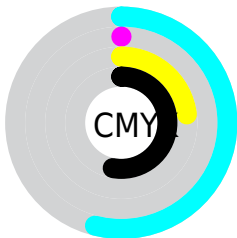
Blue (36%)



Red (22%)

Yellow (38%)

Blue (47%)

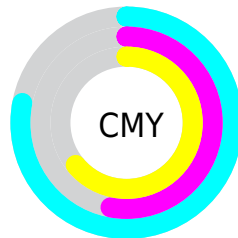


Cyan (54%)

Magenta (0%)

Yellow (23%)

Black (53%)



Cyan (78%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37775C 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 37775C by changing the saturation by 10% instead.



37775C



37775C

FFFFFF



1C5E44



6BAC8E



00462E



85C7A9



002F19



A1E3C4



001B00



BCFFE0



000000



D9FFFC



F6FFFF



37775C



37775C



2B7757



437761

■ 1F7752

■ 4F7766

■ 13774D

■ 5B776B

■ 077748

■ 677770

■ 007745

■ 727775

■ 7E777A

■ 8A777F

■ 967784

■ A27789

Harmonies

Analogous

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



567347



37775C



087875

Triad

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



37775C



586A9A



965D4C

Complementary

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



37775C



773752

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.



9A5862



37775C



7B618F

Square

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



37775C



2B7299



915A7A



87653D

Rectangle

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



37775C



007784



915A7A



985B53

Sweetspot

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



37775C



839C91



537737



404F49



CFCFCF



4F4F4F

Same Dimension

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



37775C



369C71



377377



353B38



007A47



00FA90

Inverse Universe

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



773752



9C3661



773B37



3B3537



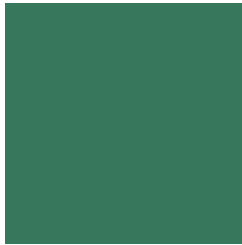
7A0034



FA0069

Previews

White Background



This preview shows how the Hex color 37775C looks on a white background.

Color Contrast Check

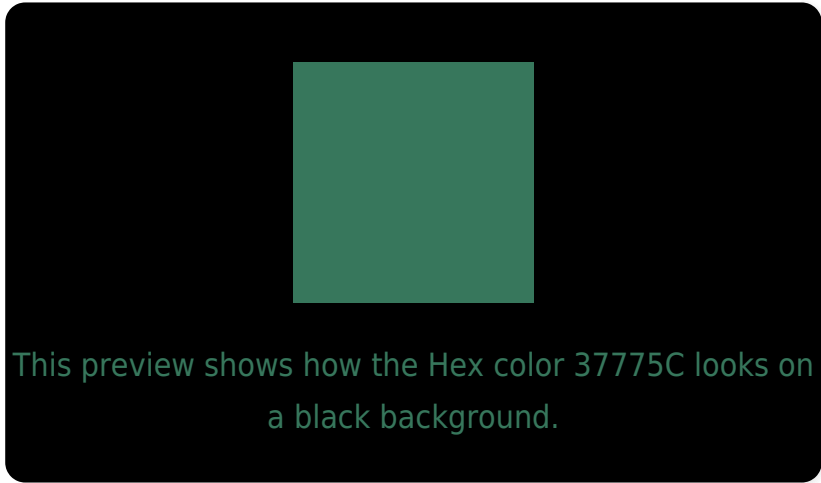
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

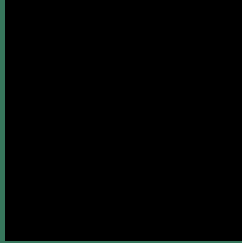
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 37775C Background



This preview shows how black text looks on a background with the Hex color 37775C.



This preview shows how white text looks on a background with the Hex color 37775C.

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
37775C

Protanopia
716B56

Deuteranopia
79675F



Tritanopia
41737C

Trichromacy



Original Color
37775C

Protanomaly
5C6F58

Deuteranomaly
616D5E

Tritanomaly
3D7470

Monochromacy



Original Color
37775C

Achromatopsia
616161

Achromatomaly
52695F

CSS Examples

Text

The CSS property to change the color of the text to Hex 37775C 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 #37775C looks like.

```
.text, #text, p{  
    color:#37775C  
}
```

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 #37775C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37775C
}
```

Border

The CSS property to change the border of an element to Hex 37775C 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
#37775C }
```

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

```
.border{ border-color:#37775C }
```

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

Here you see how a box with a 4 pixel #37775C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37775C; -webkit-box-shadow:4px 4px  
4px 4px #37775C; box-shadow:4px 4px 4px  
4px #37775C }
```

Background

The CSS property to change the background color of an element to Hex 37775C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37775C }
```

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

```
.background{ background-color:#37775C }
```

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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