

Converting Colors

Hex(37775D)

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

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Color

Hex(37775D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 37775D |
| RGB | 55, 119, 93 |
| RGB Percent | 22%, 47%, 36% |
| CMY | 0.7843, 0.5333, 0.6353 |
| CMYK | 0.54, 0.00, 0.22, 0.53 |
| HSL | 156°, 37%, 34% |
| HSV | 156°, 54%, 47% |
| XYZ | 10.1482, 14.7962, 12.6770 |
| YIQ | 96.9000, -29.7980, -21.6540 |

Conversions

Conversions Part 2

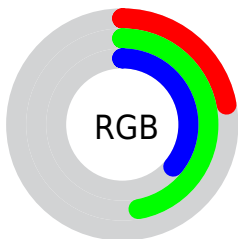
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 55, 95, 119 |
| Decimal | 3635037 |
| CIE Lab | 45.35, -27.25, 8.12 |
| CIE LCh | 45, 28.438, 163.404 |
| Yxy | 14.7962, 0.2697, 0.3933 |
| Android (android.graphics.Color) | 4281825117 (0xFF37775D) |
| YUV | 96.9000, -1.9227, -36.7463 |
| Hunter-Lab | 38.4658, -20.2228, 7.3861 |

Details


The Hex color **37775D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **773751**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6BAC8F**, and **00462F** is the 20% darker color. If you saturate the color by 10%, you get **2B7758**, and if you desaturate by 10%, it is **437762**.

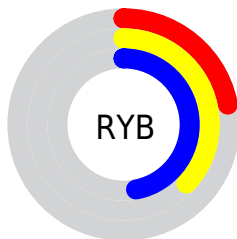
Distribution



 Red (22%)

 Green (47%)

 Blue (36%)




 Red (22%)

 Yellow (37%)

 Blue (47%)

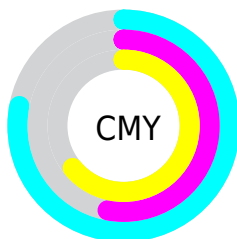



 Cyan (54%)


 Magenta (0%)

 Yellow (22%)

 Black (53%)



 Cyan (78%)

 Magenta (53%)

 Yellow (64%)

Brightness & Saturation Gradients

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

 37775D

 37775D

FFFFFF

 1C5E45

 6BAC8F

 00462F

 85C7AA

 002F1A

 A1E3C5

 001B00

 BCFFE1

 000000

 D9FFFE

 F6FFFF

 37775D

 37775D

 2B7758

 437762

■ 1F7753

■ 4F7767

■ 13774E

■ 5B776C

■ 07774A

■ 677770

■ 007747

■ 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.



567348



37775D



0B7876

Triad

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



37775D



5A6A99



955D4C

Complementary

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



37775D



773751

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.



995961



37775D



7B618E

Square

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



37775D



2E7298



915A7A



86653E

Rectangle

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



37775D



007785



915A7A



985B52

Sweetspot

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



37775D



839C91



527737



404F49



CFCFCF



4F4F4F

Same Dimension

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



37775D



369C72



377277



353B38



007A49



00FA94

Inverse Universe

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



773751



9C3660



773C37



3B3537



7A0032



FA0066

Previews

White Background



This preview shows how the Hex color 37775D 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

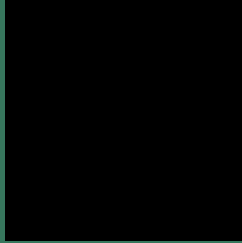
Any Text WCAG AA × Fail

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 37775D Background



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



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

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
37775D

Protanopia
716B57

Deuteranopia
796760



Tritanopia
40737C

Trichromacy



Original Color
37775D

Protanomaly
5C6F59

Deuteranomaly
616D5F

Tritanomaly
3D7471

Monochromacy



Original Color
37775D

Achromatopsia
616161

Achromatomaly
526960

CSS Examples

Text

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

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

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 #37775D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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