

Converting Colors

Hex(3F7765)

Have a look what the booklet for
Hex(3F7765) contains.

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Color

Hex(3F7765)

Conversions

Conversions Part 1

Format	Color
Hex	3F7765
RGB	63, 119, 101
RGB Percent	25%, 47%, 40%
CMY	0.7529, 0.5333, 0.6039
CMYK	0.47, 0.00, 0.15, 0.53
HSL	161°, 31%, 36%
HSV	161°, 47%, 47%
XYZ	10.9957, 15.1900, 14.6643
YIQ	100.2040, -27.5980, -17.4700

Conversions

Conversions Part 2

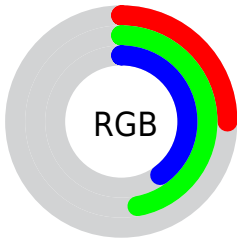
Format	Color
RYB	63, 96, 119
Decimal	4159333
CIELab	45.89, -23.15, 4.20
CIELCh	46, 23.528, 169.729
Yxy	15.1900, 0.2692, 0.3718
Android (android.graphics.Color)	4282349413 (0xFF3F7765)
YUV	100.2040, 0.3924, -32.6279
Hunter-Lab	38.9743, -17.8456, 4.9738

Details

The Hex color **3F7765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **773F51**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **72AC98**, and **084636** is the 20% darker color. If you saturate the color by 10%, you get **337761**, and if you desaturate by 10%, it is **4B7769**.

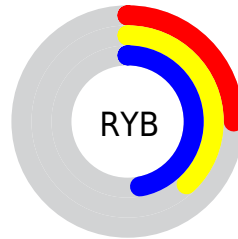
Distribution



Red (25%)

Green (47%)

Blue (40%)



Red (25%)

Yellow (38%)

Blue (47%)

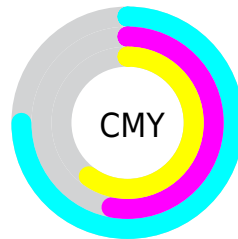


Cyan (47%)

Magenta (0%)

Yellow (15%)

Black (53%)



Cyan (75%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7765 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 3F7765 by changing the saturation by 10% instead.



3F7765



3F7765

FFFFFF



265E4D



72AC98



084636



8DC7B3



002F21



A8E3CE



001C0A



C4FFEA



000000



E0FFFF

FDFFFF



3F7765



3F7765



337761



4B7769

■ 27775D

■ 57776D

■ 1B775A

■ 637770

■ 0F7756

■ 6F7774

■ 047752

■ 7B7778

■ 007751

■ 86777C

■ 927780

■ 9E7784

■ AA7787

Harmonies

Analogous

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



567453



3F7765



2C7779

Triad

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



3F7765



666A92



8E634F

Complementary

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



3F7765



773F51

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.



945E60



3F7765



7F6386

Square

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



3F7765



487193



8F5E74



806946

Rectangle

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



3F7765



2A7685



8F5E74



916154

Sweetspot

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



3F7765



869C95



52773F



424F4B



CFCFCF



4F4F4F

Same Dimension

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



3F7765



449C80



3F6E77



353B39



007A53



00FAAA

Inverse Universe

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



773F51



9C4460



77483F



3B3537



7A0027



FA0050

Previews

White Background



This preview shows how the Hex color 3F7765 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

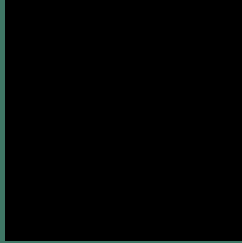
Any Text WCAG AA × Fail

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 3F7765 Background



This preview shows how black text looks on a background with the Hex color 3F7765.

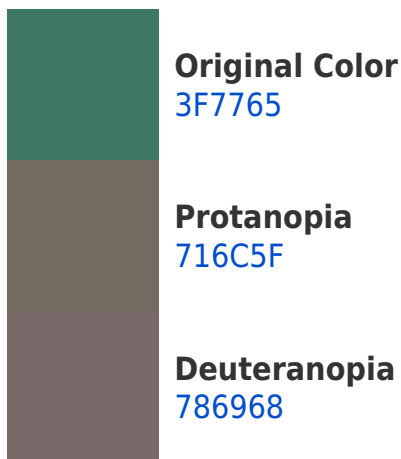


This preview shows how white text looks on a background with the Hex color 3F7765.

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
46747D

Trichromacy



Original Color
3F7765

Protanomaly
5F7061

Deuteranomaly
636E67

Tritanomaly
437574

Monochromacy



Original Color
3F7765

Achromatopsia
646464

Achromatomaly
576B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7765 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 #3F7765 looks like.

```
.text, #text, p{  
    color:#3F7765  
}
```

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 #3F7765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7765
}
```

Border

The CSS property to change the border of an element to Hex 3F7765 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".

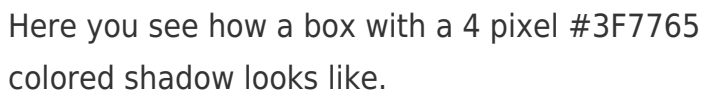
```
.border, #border, table{ border:4px solid
#3F7765 }
```

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

```
.border{ border-color:#3F7765 }
```

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

Here you see how a box with a 4 pixel #3F7765 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7765; -webkit-box-shadow:4px 4px  
4px 4px #3F7765; box-shadow:4px 4px 4px  
4px #3F7765 }
```

Background

The CSS property to change the background color of an element to Hex 3F7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7765 }
```

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

```
.background{ background-color:#3F7765 }
```

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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