

Converting Colors

Hex(3A7775)

Have a look what the booklet for
Hex(3A7775) contains.

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Color

Hex(3A7775)

Conversions

Conversions Part 1

Format	Color
Hex	3A7775
RGB	58, 119, 117
RGB Percent	23%, 47%, 46%
CMY	0.7725, 0.5333, 0.5412
CMYK	0.51, 0.00, 0.02, 0.53
HSL	178°, 34%, 35%
HSV	178°, 51%, 47%
XYZ	11.5526, 15.3775, 19.1889
YIQ	100.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

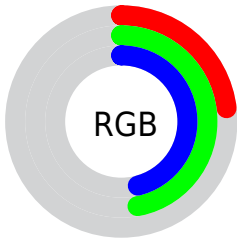
Format	Color
RYB	58, 89, 119
Decimal	3831669
CIELab	46.15, -20.20, -4.98
CIELCh	46, 20.804, 193.853
Yxy	15.3775, 0.2505, 0.3334
Android (android.graphics.Color)	4282021749 (0xFF3A7775)
YUV	100.5330, 8.1182, -37.3014
Hunter-Lab	39.2142, -16.0382, -1.5627

Details

The Hex color **3A7775** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **773A3C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6EABA9**, and **004645** is the 20% darker color. If you saturate the color by 10%, you get **2E7775**, and if you desaturate by 10%, it is **467775**.

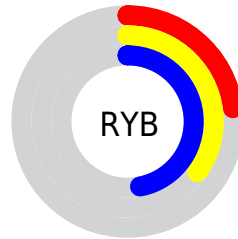
Distribution



Red (23%)

Green (47%)

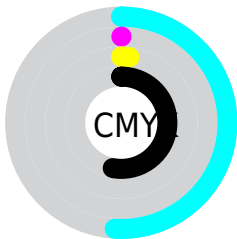
Blue (46%)



Red (23%)

Yellow (35%)

Blue (47%)

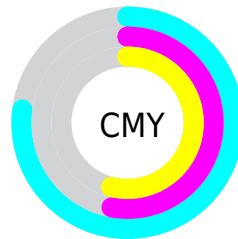


Cyan (51%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3A7775 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 3A7775 by changing the saturation by 10% instead.

 3A7775

 3A7775

FFFFFF

 1E5E5C

 6EABA9

 004645

 89C7C4

 002F2F

 A5E3E0

 001C1A

 C1FFFD

 000000

 DDFFFF

 FAFFFF

 3A7775

 3A7775

 2E7775

 467775

■ 227774

■ 527776

■ 167774

■ 5E7776

■ 0A7773

■ 6A7777

■ 007773

■ 757777

■ 817777

■ 8D7778

■ 997778

■ A57779

Harmonies

Analogous

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



4A7663



3A7775



387585

Triad

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



3A7775



7A6687



82694C

Complementary

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



3A7775



773A3C

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.



8D6456



3A7775



8A6277

Square

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



3A7775



636C8F



906166



726F4B

Rectangle

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



3A7775



42738C



906166



87674F

Sweetspot

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



3A7775



849C9B



3C773A



414F4F



CFCFCF



4F4F4F

Same Dimension

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



3A7775



3B9C98



3A5B77



353B3A



007A76



00FAF2

Inverse Universe

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



773A3C



9C3B3E



77563A



3B3535



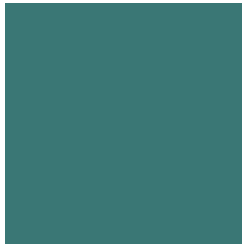
7A0004



FA0008

Previews

White Background



This preview shows how the Hex color 3A7775 looks on a white background.

Color Contrast Check

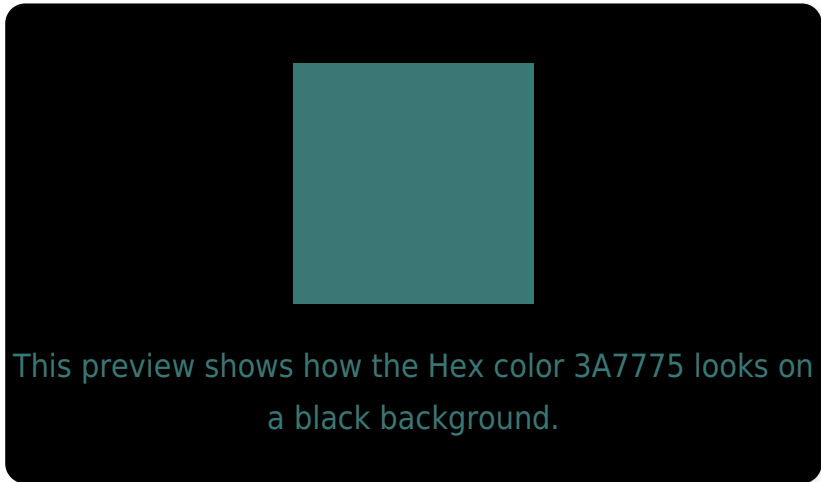
Large Text (above 18pt) WCAG AA ✓ Pass

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

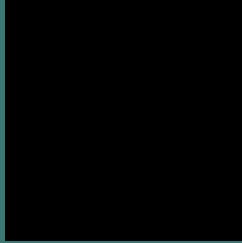
Any Text WCAG AA × Fail

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 3A7775 Background



This preview shows how black text looks on a background with the Hex color 3A7775.

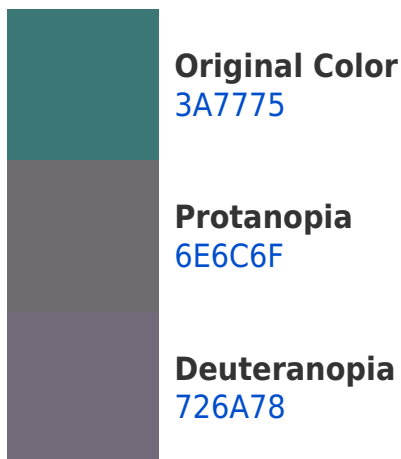


This preview shows how white text looks on a background with the Hex color 3A7775.

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](#).

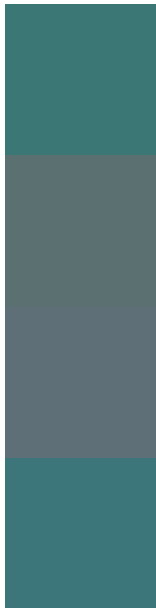
Dichromacy





Tritanopia
3D757F

Trichromacy



Original Color
3A7775

Protanomaly
5B7071

Deuteranomaly
5E6F77

Tritanomaly
3C767B

Monochromacy



Original Color
3A7775

Achromatopsia
656565

Achromatomaly
556C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7775 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 #3A7775 looks like.

```
.text, #text, p{  
    color:#3A7775  
}
```

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 #3A7775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7775
}
```

Border

The CSS property to change the border of an element to Hex 3A7775 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
#3A7775 }
```

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

```
.border{ border-color:#3A7775 }
```

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

Here you see how a box with a 4 pixel #3A7775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7775; -webkit-box-shadow:4px 4px  
4px 4px #3A7775; box-shadow:4px 4px 4px  
4px #3A7775 }
```

Background

The CSS property to change the background color of an element to Hex 3A7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7775 }
```

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

```
.background{ background-color:#3A7775 }
```

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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