

Converting Colors

Hex(34775F)

Have a look what the booklet for
Hex(34775F) contains.

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Color

Hex(34775F)

Conversions

Conversions Part 1

Format	Color
Hex	34775F
RGB	52, 119, 95
RGB Percent	20%, 47%, 37%
CMY	0.7961, 0.5333, 0.6275
CMYK	0.56, 0.00, 0.20, 0.53
HSL	159°, 39%, 34%
HSV	159°, 56%, 47%
XYZ	10.0786, 14.7499, 13.1423
YIQ	96.2310, -32.2280, -21.6680

Conversions

Conversions Part 2

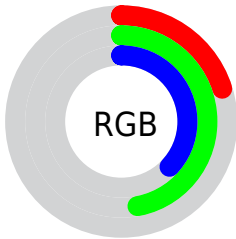
Format	Color
RYB	52, 93, 119
Decimal	3438431
CIELab	45.29, -27.52, 6.83
CIELCh	45, 28.356, 166.059
Yxy	14.7499, 0.2654, 0.3885
Android (android.graphics.Color)	4281628511 (0xFF34775F)
YUV	96.2310, -0.6069, -38.7906
Hunter-Lab	38.4056, -20.3672, 6.5951

Details

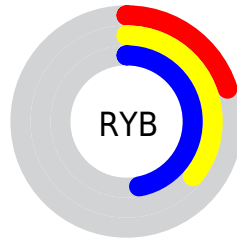
The Hex color **34775F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **77344C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **68AC91**, and **004631** is the 20% darker color. If you saturate the color by 10%, you get **28775B**, and if you desaturate by 10%, it is **407763**.

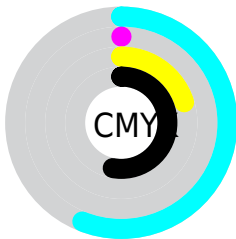
Distribution



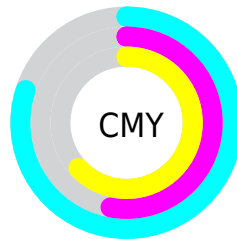
- Red (20%)
- Green (47%)
- Blue (37%)



- Red (20%)
- Yellow (36%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (80%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34775F 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 34775F by changing the saturation by 10% instead.



34775F



34775F

FFFFFF



185E47



68AC91



004631



83C7AC



002F1C



9EE3C7



001B02



BAFFE3



000000



D6FFF



F3FFFF



34775F



34775F



28775B



407763

■ 1C7756

■ 4C7768

■ 107752

■ 58776C

■ 04774E

■ 647770

■ 00774C

■ 6F7774

■ 7B7779

■ 87777D

■ 937781

■ 9F7785

Harmonies

Analogous

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



537449



34775F



067877

Triad

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



34775F



5D6999



945E4A

Complementary

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



34775F



77344C

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.



99595F



34775F



7E608C

Square

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



34775F



337199



925A77



84663D

Rectangle

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



34775F



007786



925A77



975C51

Sweetspot

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



34775F



819C92



4D7734



3F4F49



CFCFCF



4F4F4F

Same Dimension

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



34775F



329C76



346E77



353B39



007A4F



00FAA0

Inverse Universe

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



77344C



9C3258



773D34



3B3537



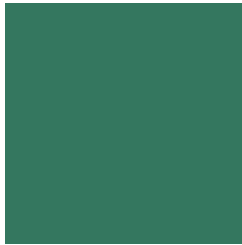
7A002C



FA005A

Previews

White Background



This preview shows how the Hex color 34775F looks on a white background.

Color Contrast Check

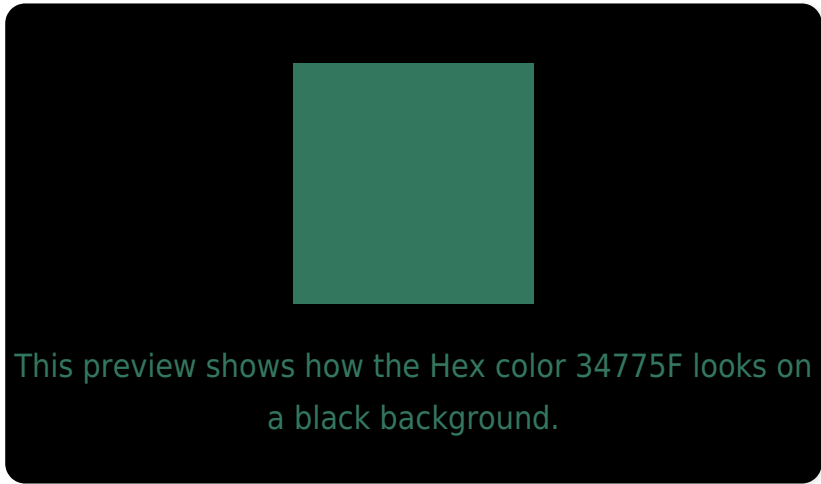
Large Text (above 18pt) WCAG AA ✓ Pass

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

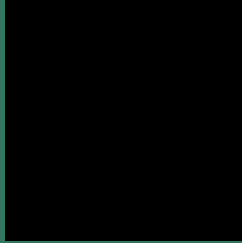
Any Text WCAG AA × Fail

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 34775F Background



This preview shows how black text looks on a background with the Hex color 34775F.



This preview shows how white text looks on a background with the Hex color 34775F.

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
34775F

Protanopia
716A59

Deuteranopia
786762



Tritanopia
3D737C

Trichromacy



Original Color
34775F

Protanomaly
5B6F5B

Deuteranomaly
5F6D61

Tritanomaly
3A7471

Monochromacy



Original Color
34775F

Achromatopsia
606060

Achromatomaly
506860

CSS Examples

Text

The CSS property to change the color of the text to Hex 34775F 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 #34775F looks like.

```
.text, #text, p{  
    color:#34775F  
}
```

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 #34775F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34775F
}
```

Border

The CSS property to change the border of an element to Hex 34775F 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
#34775F }
```

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

```
.border{ border-color:#34775F }
```

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

Here you see how a box with a 4 pixel #34775F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34775F; -webkit-box-shadow:4px 4px  
4px 4px #34775F; box-shadow:4px 4px 4px  
4px #34775F }
```

Background

The CSS property to change the background color of an element to Hex 34775F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34775F }
```

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

```
.background{ background-color:#34775F }
```

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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