

# Converting Colors

Hex(779376)

Have a look what the booklet for  
Hex(779376) contains.

<b>Hex(779376)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(779376)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	779376
RGB	119, 147, 118
RGB Percent	47%, 58%, 46%
CMY	0.5333, 0.4235, 0.5373
CMYK	0.19, 0.00, 0.20, 0.42
HSL	118°, 12%, 52%
HSV	118°, 20%, 58%
XYZ	21.3115, 26.0974, 21.0536
YIQ	135.3220, -7.3790, -14.9550

# Conversions

## Conversions Part 2

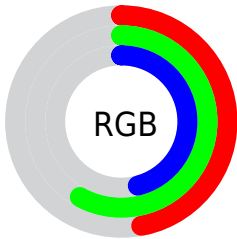
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 147, 146
Decimal	7836534
CIE <sub>Lab</sub>	58.13, -15.76, 12.16
CIE <sub>LCh</sub>	58, 19.908, 142.361
Yxy	26.0974, 0.3113, 0.3812
Android (android.graphics.Color)	4286026614 (0xFF779376)
YUV	135.3220, -8.5397, -14.3144
Hunter-Lab	51.0856, -14.9346, 11.3251

# Details

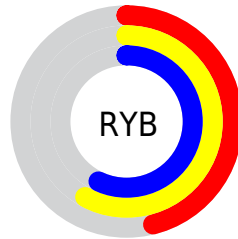
The Hex color **779376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **927693**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **ACC9AA**, and **466046** is the 20% darker color. If you saturate the color by 10%, you get **699367**, and if you desaturate by 10%, it is **859385**.

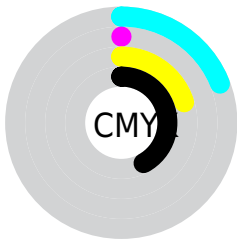
# Distribution



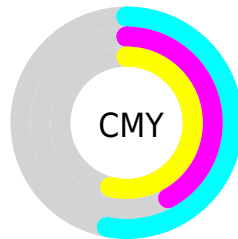
- Red (47%)
- Green (58%)
- Blue (46%)



- Red (46%)
- Yellow (58%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 779376 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 779376 by changing the saturation by 10% instead.





779376



779376

FFFFFF



5E795D



ACC9AA



466046



C7E5C5



2F482F



E3FFE1



19321A

FFFFFFE



031D00



000000



779376



779376



699367



859385



5B9359



939393

 4C934A

 A293A2

 3E933B

 B093B1

 30932D

 BE93BF

 22931E

 CC93CE

 14930F

 DA93DD

 059300

 E993EC

 F793FA

# Harmonies

## Analogous

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



8B8F6B



779376



659586

# Triad

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



779376



718FAE



B0807F

# Complementary

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



779376



927693

# 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.



AC8091



779376



8989AC

# Square

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



779376



5F93A7



9E83A1



AA8371

# Rectangle

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



779376



5D9693



9E83A1



AF7F85



# Sweetspot

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



779376



B4BFB4



939276



5A615A



E0E0E0



616161



# Same Dimension

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



779376



93BF91



769383



434A43



058A00



000A00



# Inverse Universe

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



927693



BE91BF



937686



4A434A



85008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 779376 looks on a white background.

## Color Contrast Check

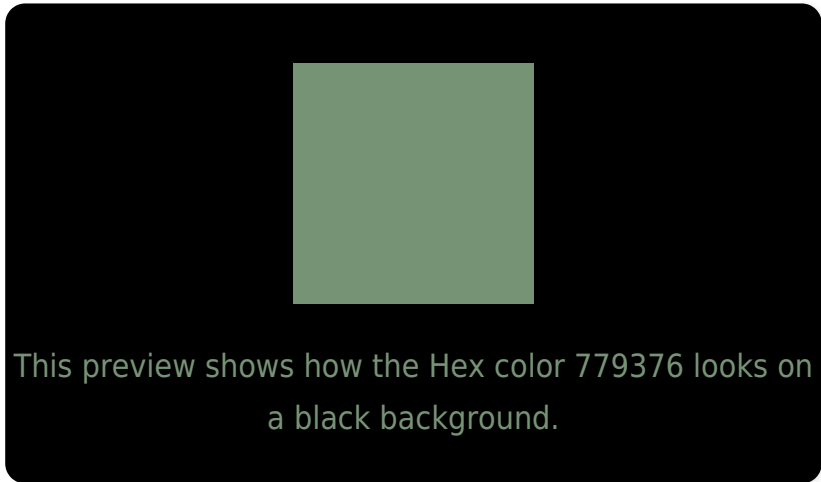
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

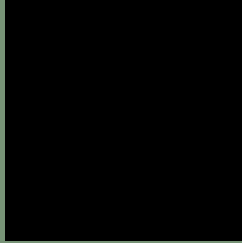
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 779376 Background



This preview shows how black text looks on a background with the Hex color 779376.



This preview shows how white text looks on a background with the Hex color 779376.

# 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



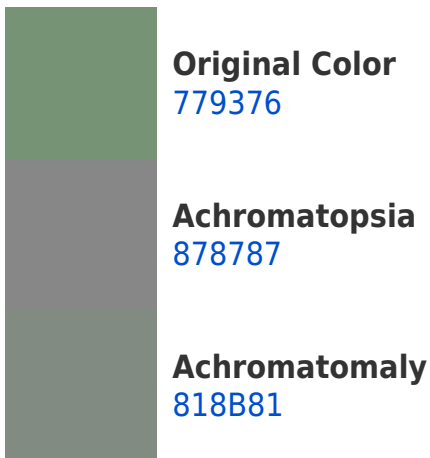


**Tritanopia**  
7D8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 779376 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 #779376 looks like.

```
.text, #text, p{  
    color:#779376  
}
```

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 #779376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779376
}
```

## Border

The CSS property to change the border of an element to Hex 779376 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
#779376 }
```

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

```
.border{ border-color:#779376 }
```

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

Here you see how a box with a 4 pixel #779376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779376; -webkit-box-shadow:4px 4px  
4px 4px #779376; box-shadow:4px 4px 4px  
4px #779376 }
```

# Background

The CSS property to change the background color of an element to Hex 779376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779376 }
```

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

```
.background{ background-color:#779376 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor