

# Converting Colors

Hex(779046)

Have a look what the booklet for  
Hex(779046) contains.

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**Color**

**Hex(779046)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	779046
RGB	119, 144, 70
RGB Percent	47%, 56%, 27%
CMY	0.5333, 0.4353, 0.7255
CMYK	0.17, 0.00, 0.51, 0.44
HSL	80°, 35%, 42%
HSV	80°, 51%, 56%
XYZ	18.6865, 24.3107, 9.5019
YIQ	128.0890, 8.8540, -28.3140

# Conversions

## Conversions Part 2

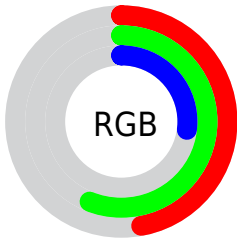
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 144, 95
Decimal	7835718
CIELab	56.40, -21.32, 36.11
CIELCh	56, 41.936, 120.559
Yxy	24.3107, 0.3559, 0.4631
Android (android.graphics.Color)	4286025798 (0xFF779046)
YUV	128.0890, -28.6379, -7.9711
Hunter-Lab	49.3058, -18.6352, 23.0881

# Details

The Hex color **779046** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5F4690**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **ADC678**, and **445E16** is the 20% darker color. If you saturate the color by 10%, you get **729038**, and if you desaturate by 10%, it is **7C9054**.

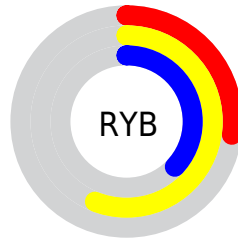
# Distribution



Red (47%)

Green (56%)

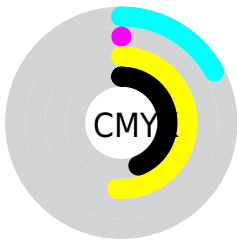
Blue (27%)



Red (27%)

Yellow (56%)

Blue (37%)

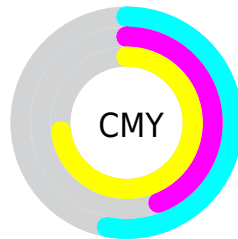


Cyan (17%)

Magenta (0%)

Yellow (51%)

Black (44%)



Cyan (53%)

Magenta (44%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 779046 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 779046 by changing the saturation by 10% instead.





779046



779046

FFFFFF



5D762E



ADC678



445E16



C9E292



2C4600



E5FFAD



152F00



FFFFC9



001C00



FFFFE6



000000



779046



779046



729038



7C9054



6D9029



819063

68901B

869071

64900C

8A9080

5F9000

8F908E

94909C

9990AB

9E90B9

A390C8

# Harmonies

## Analogous

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



9C853C



779046



489762

# Triad

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



779046



0094C6



CA6988

# Complementary

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



779046



5F4690

# 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.



B570AC



779046



478BD0

# Square

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



779046



0099AB



8B7DC6



CA6C64

# Rectangle

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



779046



0C997A



8B7DC6



C56A94



# Sweetspot

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



779046



B1BA9E



905F46



595E4D



DEDEDE



5E5E5E



# Same Dimension

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



779046



93BA47



529046



454740



598700



050800



# Inverse Universe

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



5F4690



6E47BA



844690



434047



2E0087



030008



# Previews

## White Background



This preview shows how the Hex color 779046 looks on a white background.

## Color Contrast Check

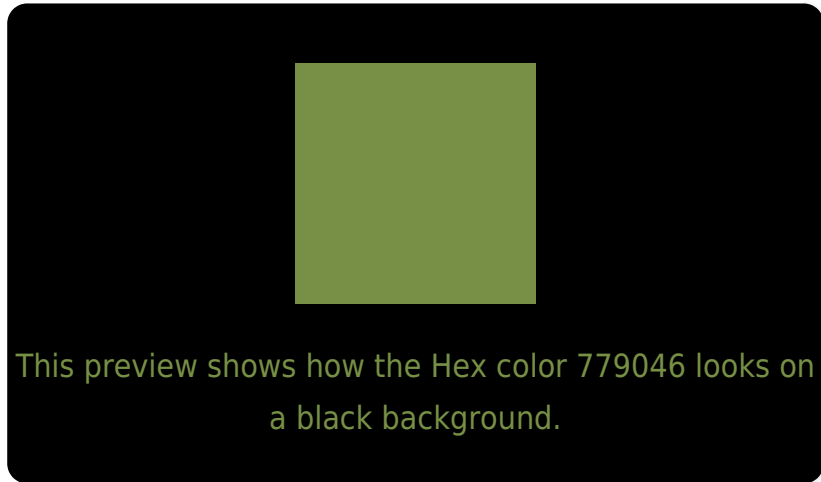
Large Text (above 18pt) WCAG AA ✓ Pass

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

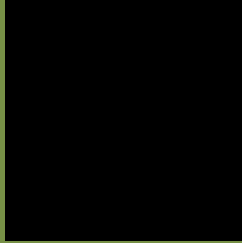
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

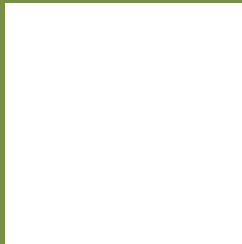
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 779046 Background



This preview shows how black text looks on a background with the Hex color 779046.

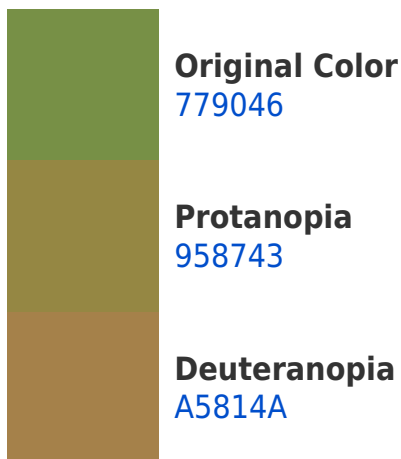


This preview shows how white text looks on a background with the Hex color 779046.

# 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**  
818892

# Trichromacy



**Original Color**  
779046

**Protanomaly**  
8A8A44

**Deuteranomaly**  
948649

**Tritanomaly**  
7D8B76

# Monochromacy



**Original Color**  
779046

**Achromatopsia**  
808080

**Achromatomaly**  
7D866B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 779046 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 #779046 looks like.

```
.text, #text, p{  
    color:#779046  
}
```

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 #779046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779046
}
```

## Border

The CSS property to change the border of an element to Hex 779046 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
#779046 }
```

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

```
.border{ border-color:#779046 }
```

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

Here you see how a box with a 4 pixel #779046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779046; -webkit-box-shadow:4px 4px  
4px 4px #779046; box-shadow:4px 4px 4px  
4px #779046 }
```

# Background

The CSS property to change the background color of an element to Hex 779046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779046 }
```

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

```
.background{ background-color:#779046 }
```

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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