

Converting Colors

Decimal(3774126)

Have a look what the booklet for
Decimal(3774126) contains.

Decimal(3774126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3774126)

Conversions

Conversions Part 1

Format	Color
Hex	3996AE
RGB	57, 150, 174
RGB Percent	22%, 59%, 68%
CMY	0.7765, 0.4118, 0.3176
CMYK	0.67, 0.14, 0.00, 0.32
HSL	192°, 51%, 45%
HSV	192°, 67%, 68%
XYZ	20.2337, 25.7385, 43.9460
YIQ	124.9290, -63.1320, -12.2520

Conversions

Conversions Part 2

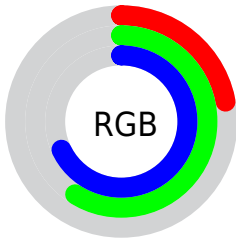
Format	Color
RYB	57, 109, 174
Decimal	3774126
CIELab	57.79, -19.50, -20.58
CIELCh	58, 28.355, 226.542
Yxy	25.7385, 0.2250, 0.2862
Android (android.graphics.Color)	4281964206 (0xFF3996AE)
YUV	124.9290, 24.1920, -59.5737
Hunter-Lab	50.7332, -17.5927, -15.8449




Details

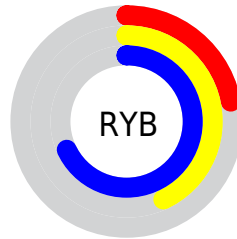
The Decimal color **3774126** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11424057**, and the grayscale version is **8224125**.




A 20% lighter version of the original color is **7785702**, and **25466** is the 20% darker color. If you saturate the color by 10%, you get **2658990**, and if you desaturate by 10%, it is **4889262**.

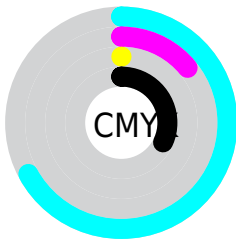
Distribution







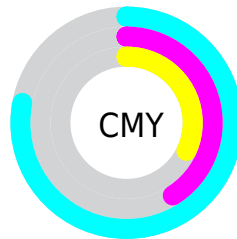
-  Red (22%)
-  Green (59%)
-  Blue (68%)






-  Red (22%)
-  Yellow (43%)
-  Blue (68%)



-  Cyan (67%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (32%)






















-  Cyan (78%)
-  Magenta (41%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3774126 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 Decimal color 3774126 by changing the saturation by 10% instead.

 3774126	 3774126
 16777215	 883859
 7785702	 25466
 9693695	 19297
 11599871	 13385
 13500415	 8242
 15466495	 541
	 0
 3774126	 3774126
 2658990	 4889262

■ 1478574

■ 6069678

■ 363438

■ 7184814

■ 35502

■ 8365230

■ 9480366

■ 10595246

■ 11775918

■ 12891054

■ 14071470

Harmonies

Analogous

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



3840152



3774126



5804474

Triad

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



3774126



11827607



9342555

Complementary

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



3774126



11424057

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.



10913115



3774126



12351614

Square

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



3774126



10453165



11959656



7509096

Rectangle

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



3774126



7506876



11959656



9931609

Sweetspot

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



3774126



11983587



3780176



5729651



15921906



7566195

Same Dimension

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



3774126



2866659



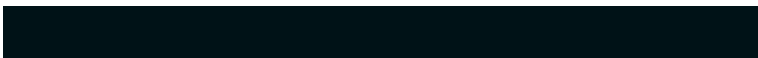
3759278



5133655



30870



4631

Inverse Universe

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



11418006



14887869



11438905



5721685



9830520



1507346

Previews

White Background



This preview shows how the Decimal color 3774126 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



This preview shows how the Decimal color 3774126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

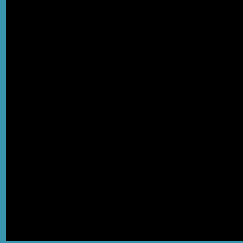
Any Text WCAG AA ✓ Pass

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](#).

Decimal 3774126 Background



This preview shows how black text looks on a background with the Decimal color 3774126.

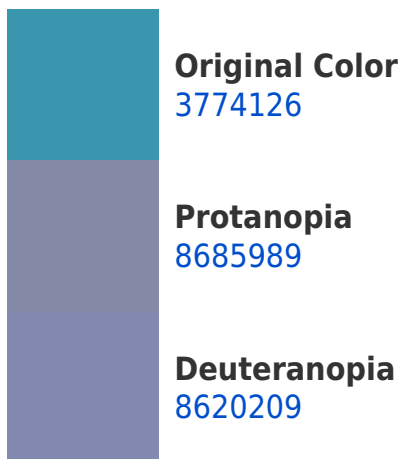


This preview shows how white text looks on a background with the Decimal color 3774126.

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](#).

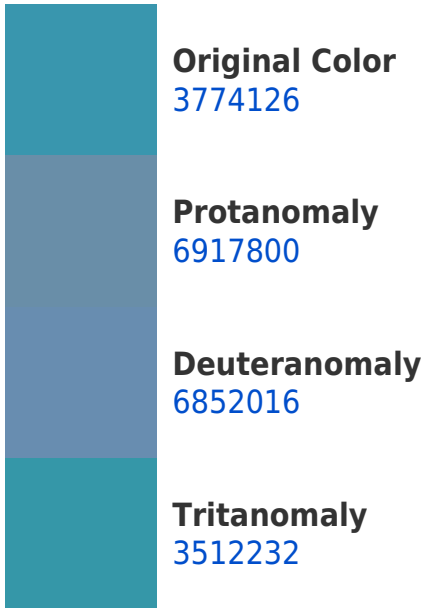
Dichromacy



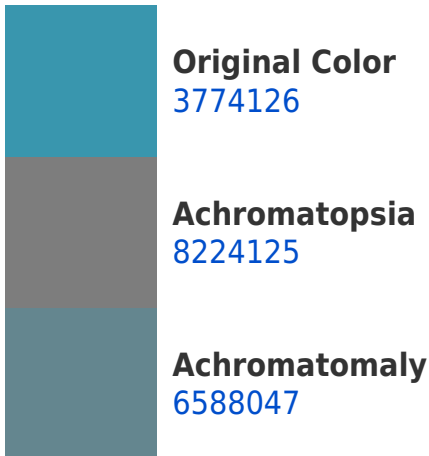


Tritanopia
3381412

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3774126 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 #3996AE looks like.

```
.text, #text, p{  
  color:#3996AE  
}
```

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 #3996AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3996AE
}
```

Border

The CSS property to change the border of an element to Decimal 3774126 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
#3996AE }
```

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

```
.border{ border-color:#3996AE }
```

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

Here you see how a box with a 4 pixel #3996AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3996AE; -webkit-box-shadow:4px 4px  
4px 4px #3996AE; box-shadow:4px 4px 4px  
4px #3996AE }
```

Background

The CSS property to change the background color of an element to Decimal 3774126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3996AE }
```

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

```
.background{ background-color:#3996AE }
```

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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