

Converting Colors

Hex(3772A6)

Have a look what the booklet for
Hex(3772A6) contains.

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Color

Hex(3772A6)

Conversions

Conversions Part 1

Format	Color
Hex	3772A6
RGB	55, 114, 166
RGB Percent	22%, 45%, 65%
CMY	0.7843, 0.5529, 0.3490
CMYK	0.67, 0.31, 0.00, 0.35
HSL	208°, 50%, 43%
HSV	208°, 67%, 65%
XYZ	14.4758, 15.6000, 38.3245
YIQ	102.2870, -51.8560, 3.6640

Conversions

Conversions Part 2

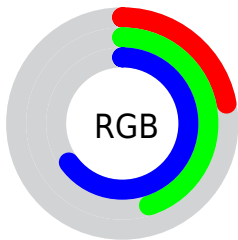
Format	Color
RYB	55, 94, 166
Decimal	3633830
CIELab	46.45, -2.14, -33.55
CIELCh	46, 33.615, 266.343
Yxy	15.6000, 0.2116, 0.2281
Android (android.graphics.Color)	4281823910 (0xFF3772A6)
YUV	102.2870, 31.4105, -41.4707
Hunter-Lab	39.4969, -3.6984, -29.8824

Details

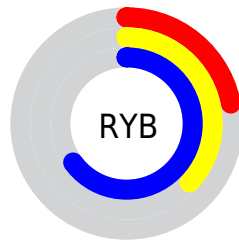
The Hex color **3772A6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A66B37**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **71A6DD**, and **004272** is the 20% darker color. If you saturate the color by 10%, you get **266AA6**, and if you desaturate by 10%, it is **487AA6**.

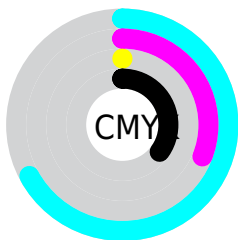
Distribution



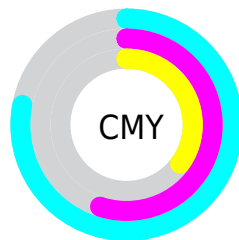
- Red (22%)
- Green (45%)
- Blue (65%)



- Red (22%)
- Yellow (37%)
- Blue (65%)



- Cyan (67%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (78%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3772A6 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 3772A6 by changing the saturation by 10% instead.

■ 3772A6

■ 3772A6

FFFFFF

■ 105A8B

■ 71A6DD

■ 004272

■ 8EC1FA

■ 002D59

■ AADDFE

■ 001941

■ C7F9FF

■ 00032B

■ E4FFFF

■ 000115

■ 000000

■ 3772A6

■ 3772A6

■ 266AA6

■ 487AA6

■ 1662A6

■ 5882A6

■ 055BA6

■ 6989A6

■ 0058A6

■ 7991A6

■ 8A99A6

■ 9BA1A6

■ ABA8A6

■ BCB0A6

■ CCB8A6

Harmonies

Analogous

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



00799C



3772A6



6B68A1

Triad

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



3772A6



A35957



447A4E

Complementary

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



3772A6



A66B37

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.



66743A



3772A6



986140

Square

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



3772A6



A05773



826B35



097C6A

Rectangle

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



3772A6



846195



826B35



507846

Sweetspot

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



3772A6



ADC4D9



37A66B



53616E



EDEDED



6E6E6E

Same Dimension

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



3772A6



2B88D9



373BA6



4C5054



004F94



000B14

Inverse Universe

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



A63772



D92B88



A6A237



544C50



94004F



14000B

Previews

White Background



This preview shows how the Hex color 3772A6 looks on a white background.

Color Contrast Check

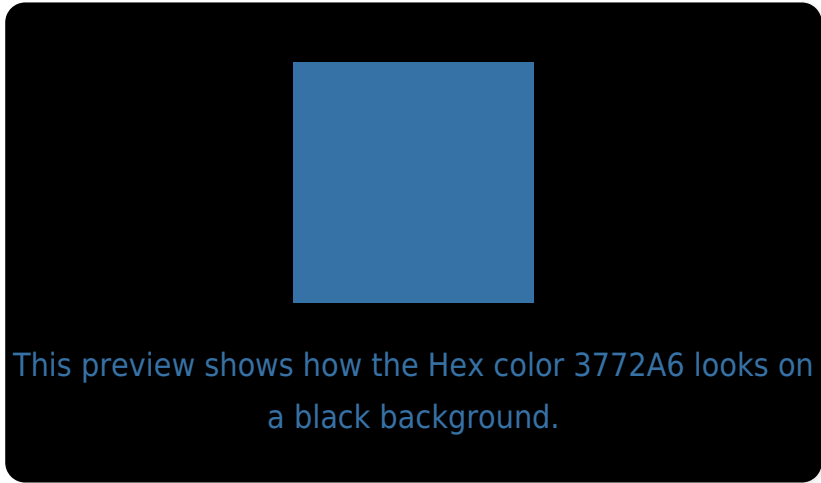
Large Text (above 18pt) WCAG AA ✓ Pass

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 3772A6 Background



This preview shows how black text looks on a background with the Hex color 3772A6.

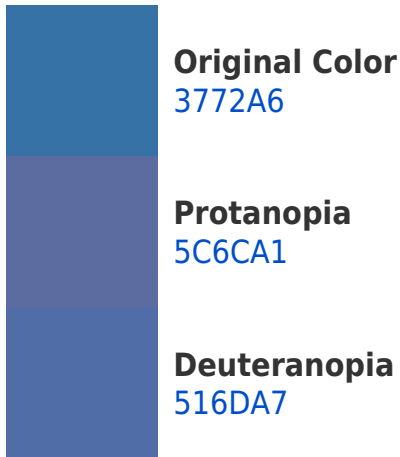


This preview shows how white text looks on a background with the Hex color 3772A6.

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](#).

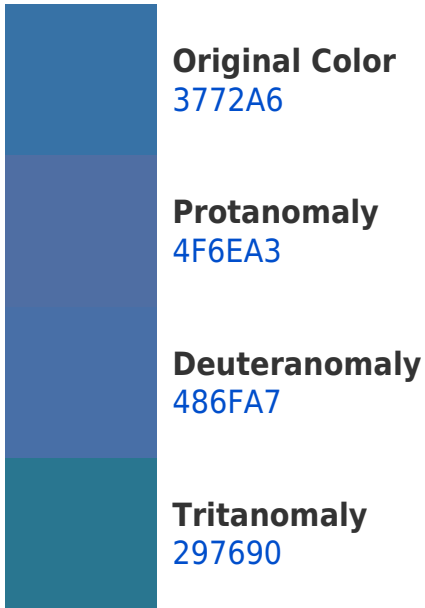
Dichromacy



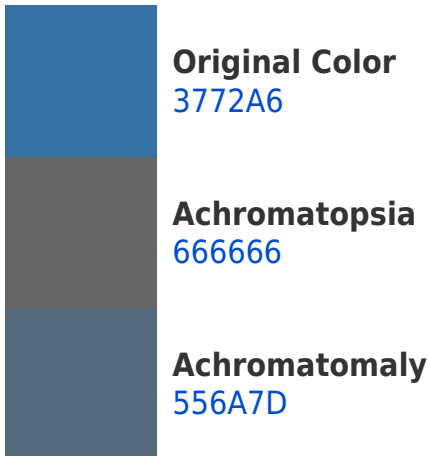


Tritanopia
217983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3772A6 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 #3772A6 looks like.

```
.text, #text, p{  
    color:#3772A6  
}
```

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 #3772A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3772A6
}
```

Border

The CSS property to change the border of an element to Hex 3772A6 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
#3772A6 }
```

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

```
.border{ border-color:#3772A6 }
```

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

Here you see how a box with a 4 pixel #3772A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3772A6; -webkit-box-shadow:4px 4px  
4px 4px #3772A6; box-shadow:4px 4px 4px  
4px #3772A6 }
```

Background

The CSS property to change the background color of an element to Hex 3772A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3772A6 }
```

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

```
.background{ background-color:#3772A6 }
```

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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