

Converting Colors

Hex(2770A0)

Have a look what the booklet for
Hex(2770A0) contains.

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Color

Hex(2770A0)

Conversions

Conversions Part 1

Format	Color
Hex	2770A0
RGB	39, 112, 160
RGB Percent	15%, 44%, 63%
CMY	0.8471, 0.5608, 0.3725
CMYK	0.76, 0.30, 0.00, 0.37
HSL	204°, 61%, 39%
HSV	204°, 76%, 63%
XYZ	12.9760, 14.5577, 35.3837
YIQ	95.6450, -58.9160, -0.5480

Conversions

Conversions Part 2

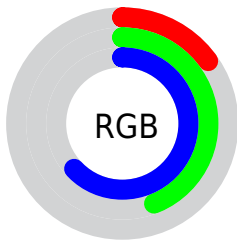
Format	Color
R_{YB}	39, 85, 160
Decimal	2584736
CIE _{Lab}	45.02, -5.57, -32.29
CIE _{LCh}	45, 32.769, 260.212
Yxy	14.5577, 0.2062, 0.2314
Android (android.graphics.Color)	4280774816 (0xFF2770A0)
YUV	95.6450, 31.7270, -49.6777
Hunter-Lab	38.1546, -6.0643, -28.2760

Details

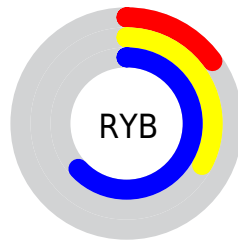
The Hex color **2770A0** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A05727**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **65A4D7**, and **00416C** is the 20% darker color. If you saturate the color by 10%, you get **176AA0**, and if you desaturate by 10%, it is **3776A0**.

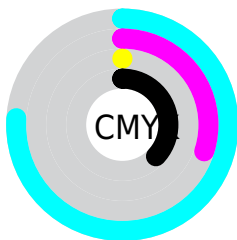
Distribution



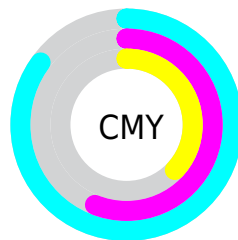
- Red (15%)
- Green (44%)
- Blue (63%)



- Red (15%)
- Yellow (33%)
- Blue (63%)



- Cyan (76%)
- Magenta (30%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2770A0 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 2770A0 by changing the saturation by 10% instead.

■ 2770A0

■ 2770A0

FFFFFF

■ 005886

■ 65A4D7

■ 00416C

■ 82BFF4

■ 002B54

■ 9FDAFF

■ 00173C

■ BBF7FF

■ 000326

■ D9FFFF

■ 00010F

■ F6FFFF

■ 000000

■ 2770A0

■ 2770A0

■ 176AA0

■ 3776A0

0763A0

477DA0

0061A0

5783A0

6789A0

7790A0

8796A0

979CA0

A7A3A0

B7A9A0

Harmonies

Analogous

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



007694



2770A0



5F679E

Triad

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



2770A0



9F5559



497546

Complementary

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



2770A0



A05727

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.



696F36



2770A0



965C42

Square

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



2770A0



995575



836634



1C7860

Rectangle

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



2770A0



796094



836634



55733F

Sweetspot

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



2770A0



A1BED1



27A055



4B5D69



E8E8E8



696969

Same Dimension

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



2770A0



1386D1



2735A0



474C4F



00568F



00090F

Inverse Universe

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



A02770



D11386



A09227



4F474C



8F0056



0F0009

Previews

White Background



This preview shows how the Hex color 2770A0 looks on a white background.

Color Contrast Check

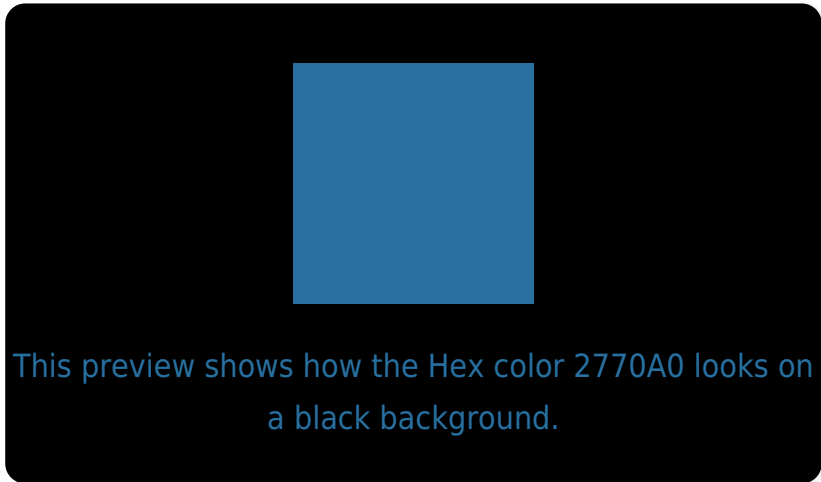
Large Text (above 18pt) WCAG AA ✓ Pass

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

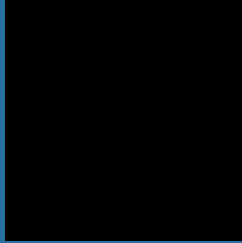
Any Text WCAG AA × Fail

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 2770A0 Background



This preview shows how black text looks on a background with the Hex color 2770A0.

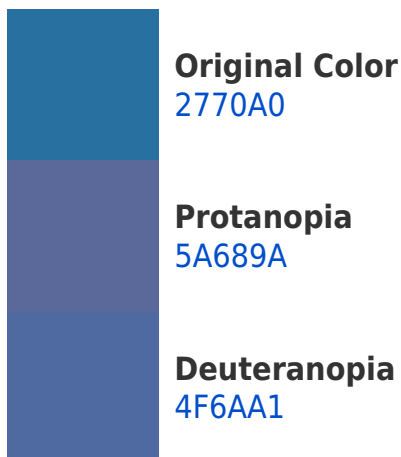


This preview shows how white text looks on a background with the Hex color 2770A0.

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](#).

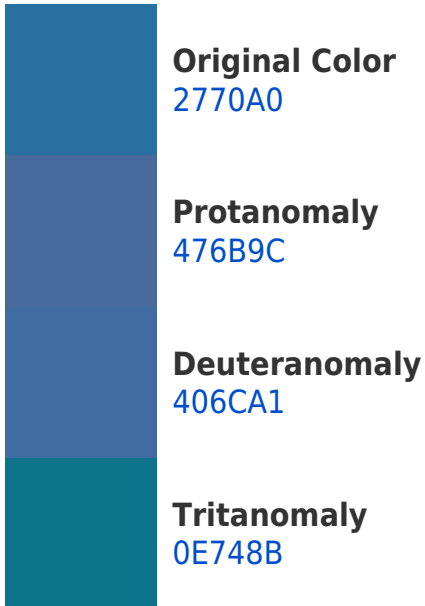
Dichromacy





Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2770A0 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 #2770A0 looks like.

```
.text, #text, p{  
    color:#2770A0  
}
```

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 #2770A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2770A0
}
```

Border

The CSS property to change the border of an element to Hex 2770A0 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
#2770A0 }
```

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

```
.border{ border-color:#2770A0 }
```

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

Here you see how a box with a 4 pixel #2770A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2770A0; -webkit-box-shadow:4px 4px  
4px 4px #2770A0; box-shadow:4px 4px 4px  
4px #2770A0 }
```

Background

The CSS property to change the background color of an element to Hex 2770A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2770A0 }
```

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

```
.background{ background-color:#2770A0 }
```

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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