

Converting Colors

Hex(1730A0)

Have a look what the booklet for
Hex(1730A0) contains.

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Color

Hex(1730A0)

Conversions

Conversions Part 1

Format	Color
Hex	1730A0
RGB	23, 48, 160
RGB Percent	9%, 19%, 63%
CMY	0.9098, 0.8118, 0.3725
CMYK	0.86, 0.70, 0.00, 0.37
HSL	229°, 75%, 36%
HSV	229°, 86%, 63%
XYZ	7.7555, 4.8341, 33.7820
YIQ	53.2930, -50.8520, 29.5320

Conversions

Conversions Part 2

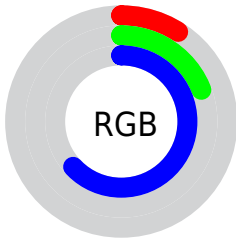
Format	Color
R_{YB}	23, 44, 160
Decimal	1519776
CIE _{Lab}	26.26, 34.73, -62.54
CIE _{LCh}	26, 71.533, 299.041
Yxy	4.8341, 0.1672, 0.1042
Android (android.graphics.Color)	4279709856 (0xFF1730A0)
YUV	53.2930, 52.6066, -26.5670
Hunter-Lab	21.9867, 24.4866, -75.7072

Details

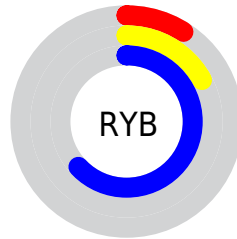
The Hex color **1730A0** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A08717**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **5F5ED8**, and **00086B** is the 20% darker color. If you saturate the color by 10%, you get **0723A0**, and if you desaturate by 10%, it is **273DA0**.

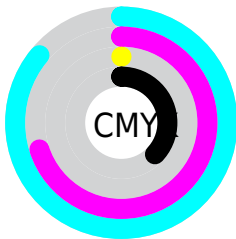
Distribution



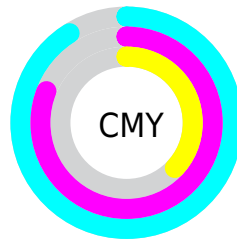
- Red (9%)
- Green (19%)
- Blue (63%)



- Red (9%)
- Yellow (17%)
- Blue (63%)



- Cyan (86%)
- Magenta (70%)
- Yellow (0%)
- Black (37%)



- Cyan (91%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1730A0 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 1730A0 by changing the saturation by 10% instead.

■ 1730A0

■ 1730A0

FFFFFF

■ 001B85

■ 5F5ED8

■ 00086B

■ 7D77F5

■ 000052

■ 9B91FF

■ 00053A

■ B8ABFF

■ 000223

■ D6C7FF

■ 00000B

■ F4E3FF

■ 000000

■ 1730A0

■ 1730A0

■ 0723A0

■ 273DA0

■ 001DA0

■ 374AA0

■ 4757A0

■ 5764A0

■ 6771A0

■ 777EA0

■ 878CA0

■ 9799A0

■ A7A6A0

Harmonies

Analogous

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



0048AE



1730A0



790077

Triad

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



1730A0



771F00



00513B

Complementary

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



1730A0



A08717

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.



004F00



1730A0



4F3C00

Square

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



1730A0



91000D



0F4900



005273

Rectangle

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



1730A0



900055



0F4900



005127

Sweetspot

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



1730A0



9BA5D1



17A087



484E69



E8E8E8



696969

Same Dimension

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



1730A0



0026D1



4217A0



47494F



001A8F



00030F

Inverse Universe

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



A01730



D10026



75A017



4F4749



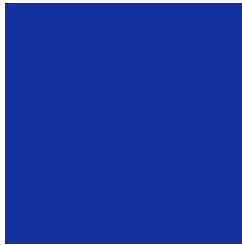
8F001A



0F0003

Previews

White Background



This preview shows how the Hex color 1730A0 looks on a white background.

Color Contrast Check

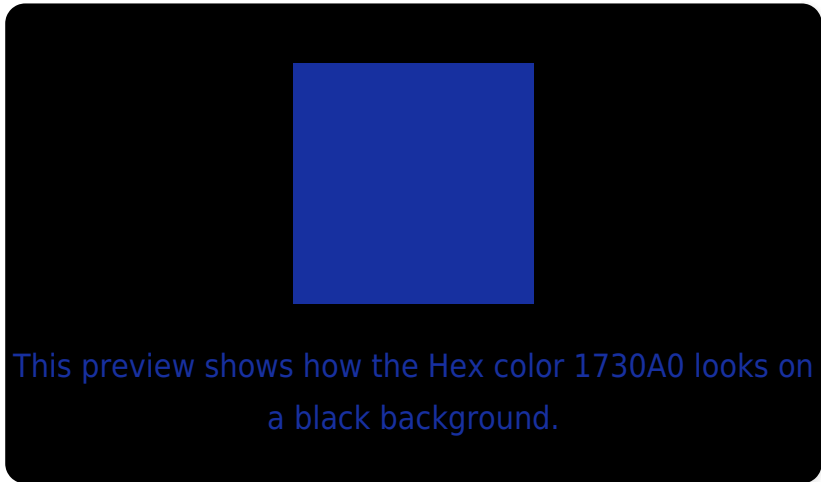
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

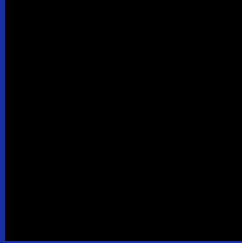
Any Text WCAG AA × Fail

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 1730A0 Background



This preview shows how black text looks on a background with the Hex color 1730A0.



This preview shows how white text looks on a background with the Hex color 1730A0.

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



Original Color
1730A0

Protanopia
003C7F

Deuteranopia
00406C

Trichromacy



Original Color
1730A0

Protanomaly
08388B

Deuteranomaly
083A7F

Tritanomaly
083D69

Monochromacy



Original Color
1730A0

Achromatopsia
353535

Achromatomaly
2A335C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1730A0 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 #1730A0 looks like.

```
.text, #text, p{  
    color:#1730A0  
}
```

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 #1730A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1730A0
}
```

Border

The CSS property to change the border of an element to Hex 1730A0 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
#1730A0 }
```

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

```
.border{ border-color:#1730A0 }
```

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

Here you see how a box with a 4 pixel #1730A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1730A0; -webkit-box-shadow:4px 4px  
4px 4px #1730A0; box-shadow:4px 4px 4px  
4px #1730A0 }
```

Background

The CSS property to change the background color of an element to Hex 1730A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1730A0 }
```

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

```
.background{ background-color:#1730A0 }
```

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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