

Converting Colors

Decimal(31130)

Have a look what the booklet for
Decimal(31130) contains.

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Color

Decimal(31130)

Conversions

Conversions Part 1

Format	Color
Hex	00799A
RGB	0, 121, 154
RGB Percent	0%, 47%, 60%
CMY	1.0000, 0.5255, 0.3961
CMYK	1.00, 0.21, 0.00, 0.40
HSL	193°, 100%, 30%
HSV	193°, 100%, 60%
XYZ	12.6701, 16.0078, 32.9939
YIQ	88.5830, -82.7090, -15.3890

Conversions

Conversions Part 2

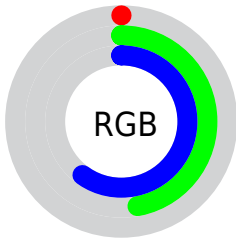
Format	Color
RYB	0, 68, 154
Decimal	31130
CIELab	46.98, -16.07, -25.74
CIELCh	47, 30.344, 238.025
Yxy	16.0078, 0.2054, 0.2596
Android (android.graphics.Color)	4278221210 (0xFF00799A)
YUV	88.5830, 32.2506, -77.6873
Hunter-Lab	40.0098, -13.4906, -20.8864

Details

The Decimal color **31130** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10100992**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **5680593**, and **18535** is the 20% darker color. If you saturate the color by 10%, you get **31130**, and if you desaturate by 10%, it is **1014938**.

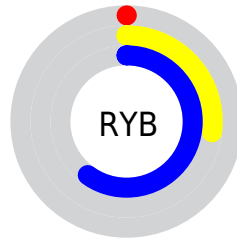
Distribution



Red (0%)

Green (47%)

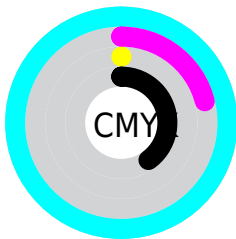
Blue (60%)



Red (0%)

Yellow (27%)

Blue (60%)

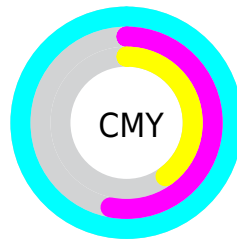


Cyan (100%)

Magenta (21%)

Yellow (0%)

Black (40%)



Cyan (100%)
















Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 31130 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 31130 by changing the saturation by 10% instead.

 31130	 31130
 16777215	 24704
 5680593	 18535
 7653869	 12879
 9561599	 7735
 11468799	 546
 13434879	 8
 15400959	 0

 31130

 1014938

■ 2064538

■ 3048346

■ 4097690

■ 5081754

■ 6065562

■ 7114906

■ 8098714

■ 9148314

Harmonies

Analogous

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



31878



31130



4551330

Triad

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



31130



10378098



6780225

Complementary

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



31130



1010092

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.



8482108



31130



10509657

Square

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



31130



9330827



9790533



4815444

Rectangle

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



31130



6516128



9790533



7369534

Sweetspot

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



31130



9288905



39455



4284006



15132390



6710886

Same Dimension

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



31130



40649



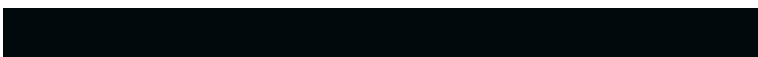
11930



4541261



28300



2573

Inverse Universe

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



10092665



13172894



10120192



5064011



9175150



851978

Previews

White Background



This preview shows how the Decimal color 31130 looks on a white background.

Color Contrast Check

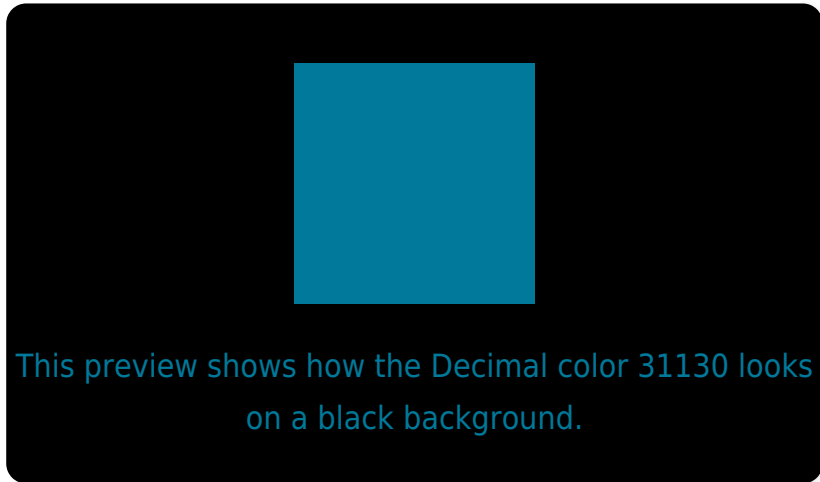
Large Text (above 18pt) WCAG AA ✓ Pass

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

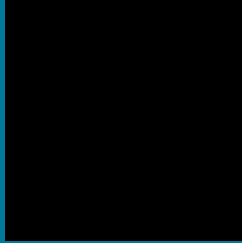
Any Text WCAG AA × Fail

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](#).

Decimal 31130 Background



This preview shows how black text looks on a background with the Decimal color 31130.



This preview shows how white text looks on a background with the Decimal color 31130.

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](#).

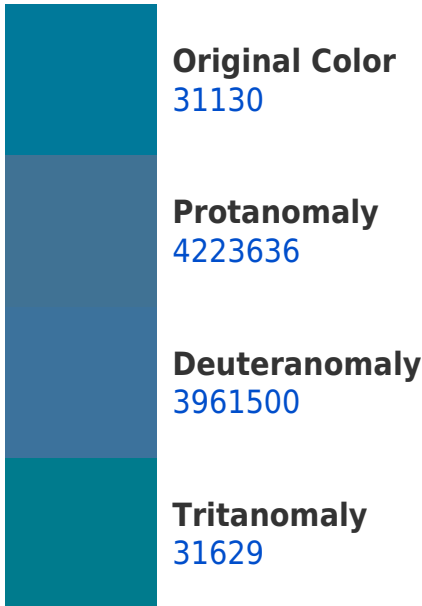
Dichromacy





Tritanopia
31877

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 31130 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 #00799A looks like.

```
.text, #text, p{  
    color:#00799A  
}
```

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 #00799A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00799A
}
```

Border

The CSS property to change the border of an element to Decimal 31130 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
#00799A }
```

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

```
.border{ border-color:#00799A }
```

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

Here you see how a box with a 4 pixel #00799A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00799A; -webkit-box-shadow:4px 4px  
4px 4px #00799A; box-shadow:4px 4px 4px  
4px #00799A }
```

Background

The CSS property to change the background color of an element to Decimal 31130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00799A }
```

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

```
.background{ background-color:#00799A }
```

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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