

Converting Colors

Decimal(29380)

Have a look what the booklet for
Decimal(29380) contains.

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Color

Decimal(29380)

Conversions

Conversions Part 1

Format	Color
Hex	0072C4
RGB	0, 114, 196
RGB Percent	0%, 45%, 77%
CMY	1.0000, 0.5529, 0.2314
CMYK	1.00, 0.42, 0.00, 0.23
HSL	205°, 100%, 38%
HSV	205°, 100%, 77%
XYZ	15.9811, 16.0201, 54.4745
YIQ	89.2620, -94.2660, 1.3340

Conversions

Conversions Part 2

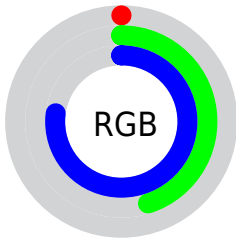
Format	Color
RYB	0, 72, 196
Decimal	29380
CIELab	47.00, 4.41, -50.15
CIELCh	47, 50.344, 275.029
Yxy	16.0201, 0.1848, 0.1853
Android (android.graphics.Color)	4278219460 (0xFF0072C4)
YUV	89.2620, 52.6218, -78.2828
Hunter-Lab	40.0252, 1.2268, -52.6763

Details

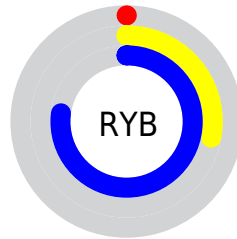
The Decimal color **29380** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **12866048**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **6333949**, and **17294** is the 20% darker color. If you saturate the color by 10%, you get **29380**, and if you desaturate by 10%, it is **1342148**.

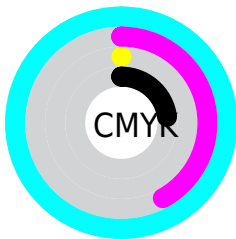
Distribution



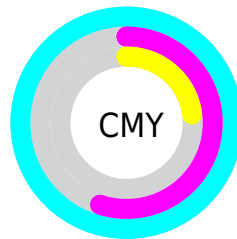
- Red (0%)
- Green (45%)
- Blue (77%)



- Red (0%)
- Yellow (28%)
- Blue (77%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (23%)

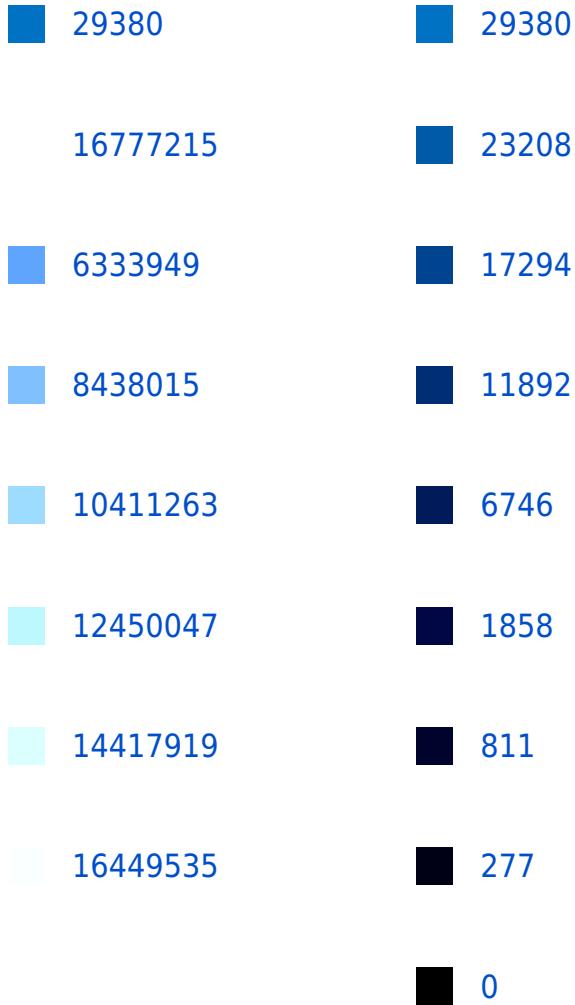


- Cyan (100%)
- Magenta (55%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 29380 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 29380 by changing the saturation by 10% instead.



 29380

■ 1342148

■ 2589380

■ 3902404

■ 5149636

■ 6462404

■ 7775172

■ 9022404

■ 10335428

■ 11582660

Harmonies

Analogous

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



32188



29380



8020405

Triad

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



29380



12013377



33098

Complementary

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



29380



12866048

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.



5405476



29380



10575903

Square

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



29380



12273258



8286221



33654

Rectangle

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



29380



10245281



8286221



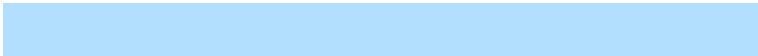
2588476

Sweetspot

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



29380



11788287



50258



5401728



0



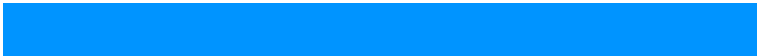
8421504

Same Dimension

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



29380



38143



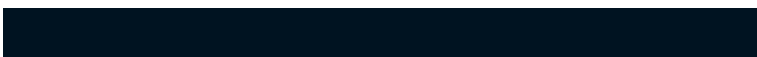
4292



5725537



23969



4897

Inverse Universe

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



12845170



16711828



12891136



6379357



10551389



2162707

Previews

White Background



This preview shows how the Decimal color 29380 looks on a white background.

Color Contrast Check

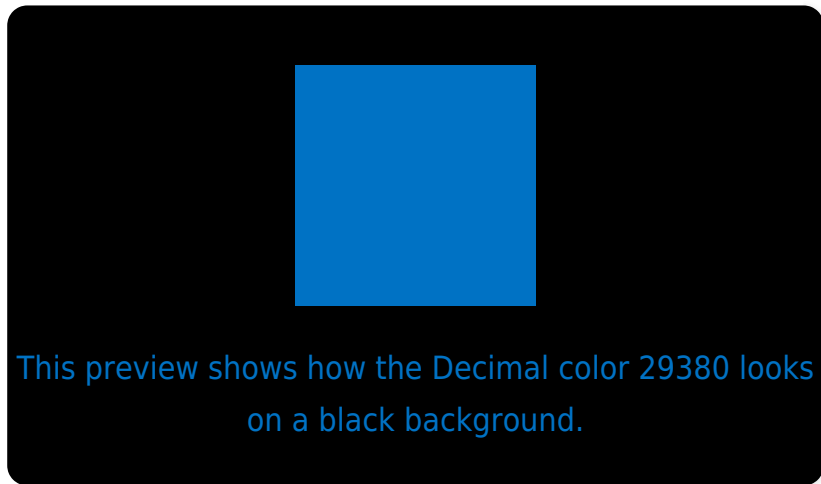
Large Text (above 18pt) WCAG AA ✓ Pass

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

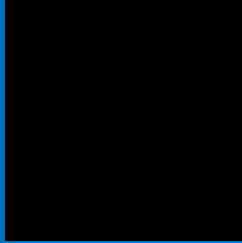
Any Text WCAG AA × Fail

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 29380 Background



This preview shows how black text looks on a background with the Decimal color 29380.



This preview shows how white text looks on a background with the Decimal color 29380.

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](#).

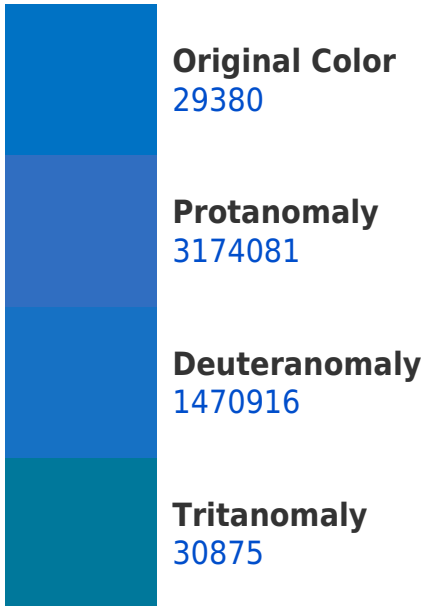
Dichromacy





Tritanopia
31876

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 29380 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 #0072C4 looks like.

```
.text, #text, p{  
  color:#0072C4  
}
```

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 #0072C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0072C4
}
```

Border

The CSS property to change the border of an element to Decimal 29380 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
#0072C4 }
```

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

```
.border{ border-color:#0072C4 }
```

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

Here you see how a box with a 4 pixel #0072C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0072C4; -webkit-box-shadow:4px 4px  
4px 4px #0072C4; box-shadow:4px 4px 4px  
4px #0072C4 }
```

Background

The CSS property to change the background color of an element to Decimal 29380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0072C4 }
```

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

```
.background{ background-color:#0072C4 }
```

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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