

Converting Colors

Decimal(28336)

Have a look what the booklet for
Decimal(28336) contains.

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Color

Decimal(28336)

Conversions

Conversions Part 1

Format	Color
Hex	006EB0
RGB	0, 110, 176
RGB Percent	0%, 43%, 69%
CMY	1.0000, 0.5686, 0.3098
CMYK	1.00, 0.37, 0.00, 0.31
HSL	202°, 100%, 35%
HSV	202°, 100%, 69%
XYZ	13.4124, 14.2864, 43.1249
YIQ	84.6340, -86.7460, -2.7940

Conversions

Conversions Part 2

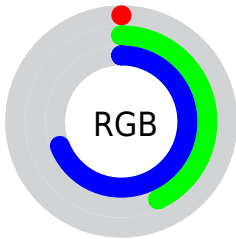
Format	Color
RYB	0, 68, 176
Decimal	28336
CIELab	44.64, -1.07, -42.32
CIELCh	45, 42.337, 268.549
Yxy	14.2864, 0.1894, 0.2017
Android (android.graphics.Color)	4278218416 (0xFF006EB0)
YUV	84.6340, 45.0434, -74.2240
Hunter-Lab	37.7974, -2.8048, -41.1887

Details

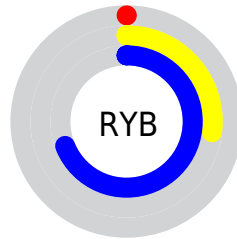
The Decimal color **28336** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11551232**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **6005224**, and **16251** is the 20% darker color. If you saturate the color by 10%, you get **28336**, and if you desaturate by 10%, it is **1209776**.

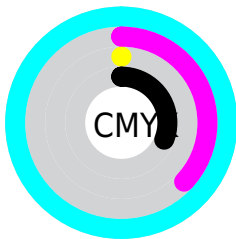
Distribution



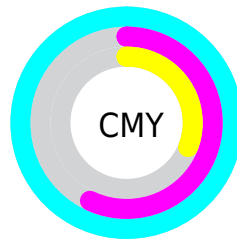
- Red (0%)
- Green (43%)
- Blue (69%)



- Red (0%)
- Yellow (27%)
- Blue (69%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



















- Cyan (100%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 28336 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 28336 by changing the saturation by 10% instead.

 28336	 28336
 16777215	 22165
 6005224	 16251
 7978239	 10850
 9951487	 5705
 11924735	 1074
 13893631	 540
 15859711	 0

 28336

 1209776

■ 2325424

■ 3506864

■ 4622512

■ 5803952

■ 6985392

■ 8101040

■ 9282480

■ 10398128

Harmonies

Analogous

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



30373



28336



6840744

Triad

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



28336



11095626



2848835

Complementary

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



28336



11551232

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.



5992744



28336



10050093

Square

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



28336



11029101



8283934



31591

Rectangle

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



28336



8869785



8283934



4093497

Sweetspot

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



28336



10603750



45121



4809587



15921906



7566195

Same Dimension

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



28336



36838



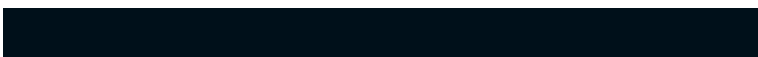
6064



5264985



24729



4122

Inverse Universe

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



11534446



15073423



11573504



5853270



10027104



1703952

Previews

White Background



This preview shows how the Decimal color 28336 looks on a white background.

Color Contrast Check

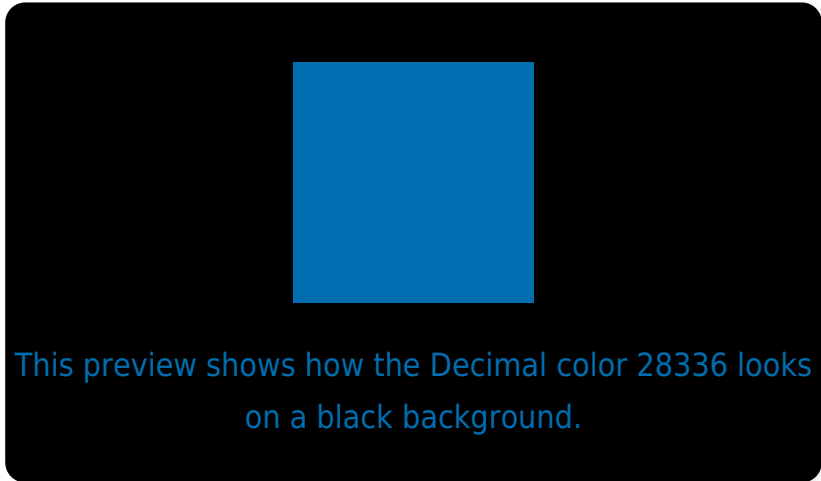
Large Text (above 18pt) WCAG AA ✓ Pass

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

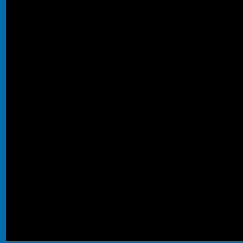
Any Text WCAG AA × Fail

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 28336 Background



This preview shows how black text looks on a background with the Decimal color 28336.



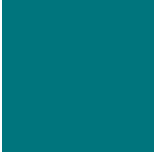
This preview shows how white text looks on a background with the Decimal color 28336.

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](#).

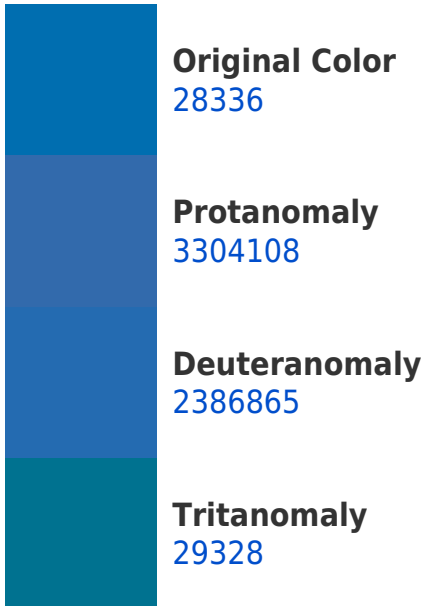
Dichromacy





Tritanopia
30077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 28336 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 #006EB0 looks like.

```
.text, #text, p{  
    color:#006EB0  
}
```

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 #006EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006EB0
}
```

Border

The CSS property to change the border of an element to Decimal 28336 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
#006EB0 }
```

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

```
.border{ border-color:#006EB0 }
```

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

Here you see how a box with a 4 pixel #006EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006EB0; -webkit-box-shadow:4px 4px  
4px 4px #006EB0; box-shadow:4px 4px 4px  
4px #006EB0 }
```

Background

The CSS property to change the background color of an element to Decimal 28336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006EB0 }
```

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

```
.background{ background-color:#006EB0 }
```

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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