

Converting Colors

Decimal(28066)

Have a look what the booklet for
Decimal(28066) contains.

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Color

Decimal(28066)

Conversions

Conversions Part 1

Format	Color
Hex	006DA2
RGB	0, 109, 162
RGB Percent	0%, 43%, 64%
CMY	1.0000, 0.5725, 0.3647
CMYK	1.00, 0.33, 0.00, 0.36
HSL	200°, 100%, 32%
HSV	200°, 100%, 64%
XYZ	11.9902, 13.5459, 36.1651
YIQ	82.4510, -81.9770, -6.6250

Conversions

Conversions Part 2

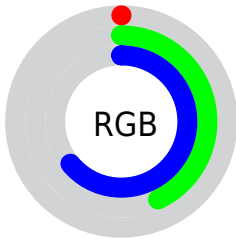
Format	Color
RYB	0, 65, 162
Decimal	28066
CIELab	43.57, -6.02, -35.79
CIELCh	44, 36.296, 260.449
Yxy	13.5459, 0.1943, 0.2195
Android (android.graphics.Color)	4278218146 (0xFF006DA2)
YUV	82.4510, 39.2177, -72.3095
Hunter-Lab	36.8048, -6.2568, -32.4962

Details

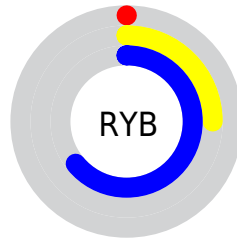
The Decimal color **28066** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **10630400**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **5742809**, and **15982** is the 20% darker color. If you saturate the color by 10%, you get **28066**, and if you desaturate by 10%, it is **1077922**.

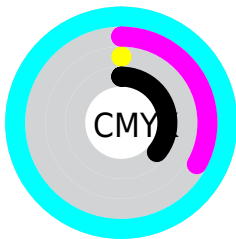
Distribution



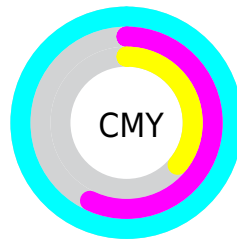
- Red (0%)
- Green (43%)
- Blue (64%)



- Red (0%)
- Yellow (25%)
- Blue (64%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



















- Cyan (100%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 28066 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 28066 by changing the saturation by 10% instead.

 28066	 28066
 16777215	 21896
 5742809	 15982
 7715830	 10325
 9623551	 5182
 11596799	 807
 13500415	 273
 15466495	 0

 28066

 1077922

■ 2128034

■ 3243426

■ 4293282

■ 5343138

■ 6393250

■ 7443106

■ 8558498

■ 9608610

Harmonies

Analogous

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



29589



28066



5858207

Triad

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



28066



10440276



4289087

Complementary

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



28066



10630400

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.



6581292



28066



9852730

Square

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



28066



10112626



8479274



30300

Rectangle

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



28066



7822229



8479274



5140535

Sweetspot

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



28066



9748436



41523



4546155



15461355



7039851

Same Dimension

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



28066



36564



7842



4804434



25233



3090

Inverse Universe

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



10616941



13893774



10650624



5392719



9502818



1179660

Previews

White Background



This preview shows how the Decimal color 28066 looks on a white background.

Color Contrast Check

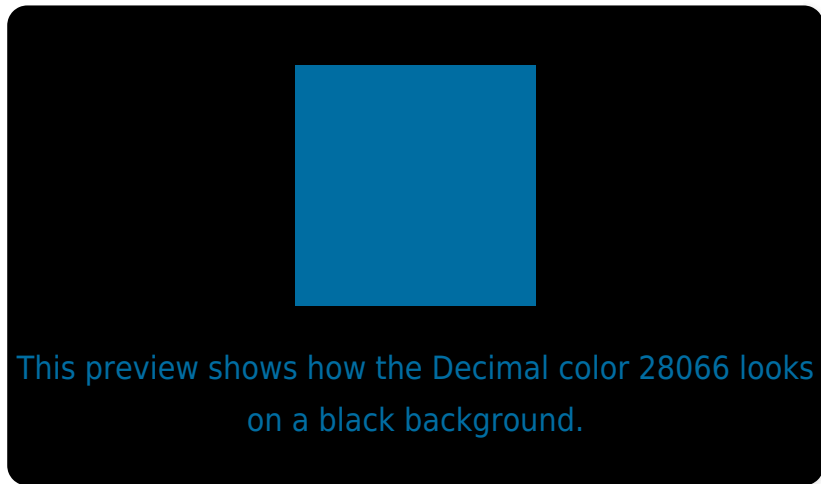
Large Text (above 18pt) WCAG AA ✓ Pass

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 28066 Background



This preview shows how black text looks on a background with the Decimal color 28066.



This preview shows how white text looks on a background with the Decimal color 28066.

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](#).

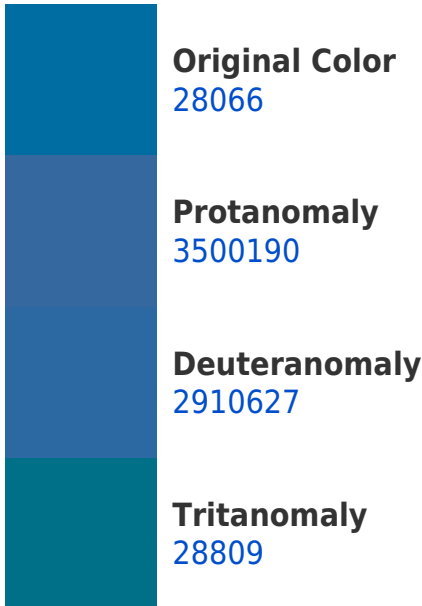
Dichromacy





Tritanopia
29307

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 28066 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 #006DA2 looks like.

```
.text, #text, p{  
    color:#006DA2  
}
```

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 #006DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006DA2
}
```

Border

The CSS property to change the border of an element to Decimal 28066 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
#006DA2 }
```

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

```
.border{ border-color:#006DA2 }
```

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

Here you see how a box with a 4 pixel #006DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006DA2; -webkit-box-shadow:4px 4px  
4px 4px #006DA2; box-shadow:4px 4px 4px  
4px #006DA2 }
```

Background

The CSS property to change the background color of an element to Decimal 28066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006DA2 }
```

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

```
.background{ background-color:#006DA2 }
```

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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