

Converting Colors

Decimal(27346)

Have a look what the booklet for
Decimal(27346) contains.

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Color

Decimal(27346)

Conversions

Conversions Part 1

Format	Color
Hex	006AD2
RGB	0, 106, 210
RGB Percent	0%, 42%, 82%
CMY	1.0000, 0.5843, 0.1765
CMYK	1.00, 0.50, 0.00, 0.18
HSL	210°, 100%, 41%
HSV	210°, 100%, 82%
XYZ	16.7869, 14.9612, 62.9758
YIQ	86.1620, -96.5600, 9.8720

Conversions

Conversions Part 2

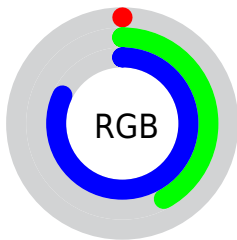
Format	Color
RYB	0, 70, 210
Decimal	27346
CIELab	45.58, 15.10, -60.46
CIELCh	46, 62.317, 284.018
Yxy	14.9612, 0.1772, 0.1579
Android (android.graphics.Color)	4278217426 (0xFF006AD2)
YUV	86.1620, 61.0521, -75.5641
Hunter-Lab	38.6797, 9.7790, -69.4563

Details

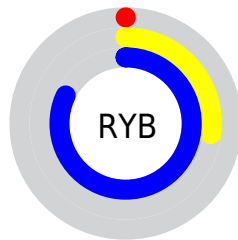
The Decimal color **27346** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **13789184**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **6594047**, and **15515** is the 20% darker color. If you saturate the color by 10%, you get **27346**, and if you desaturate by 10%, it is **1406162**.

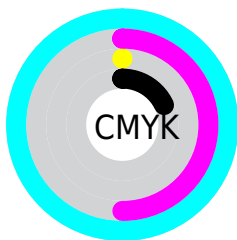
Distribution



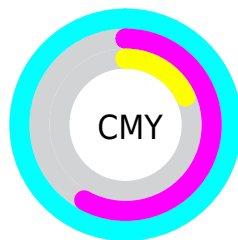
- Red (0%)
- Green (42%)
- Blue (82%)



- Red (0%)
- Yellow (27%)
- Blue (82%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)

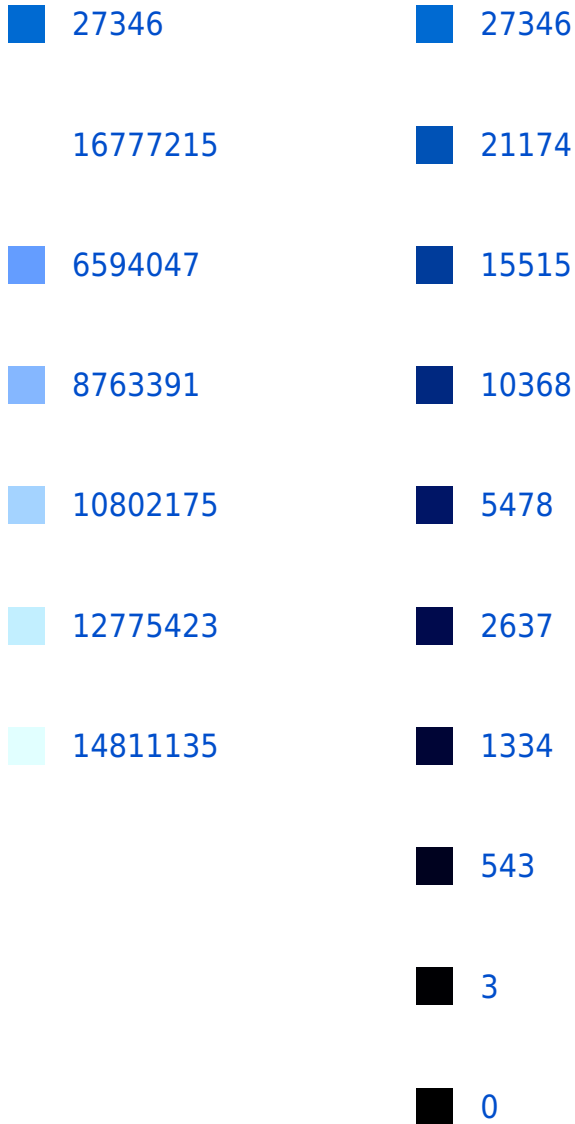


- Cyan (100%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27346 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 27346 by changing the saturation by 10% instead.



- 27346
- 1406162
- 2785234
- 4164050
- 5543122
- 6921938
- 8300754
- 9679826
- 11058642
- 12437714

Harmonies

Analogous

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



31441



27346



9195960

Triad

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



27346



12207652



33101

Complementary

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



27346



13789184

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.



2849813



27346



10051328

Square

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



27346



13054038



7106816



33668

Rectangle

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



27346



11485083



7106816



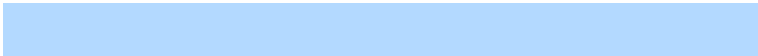
32827

Sweetspot

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



27346



11786751



53862



5400960



0



8421504

Same Dimension

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



27346



33279



978



6185833



21928



5417

Inverse Universe

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



13762666



16711809



13815552



6905443



11010133



2686997

Previews

White Background



This preview shows how the Decimal color 27346 looks on a white background.

Color Contrast Check

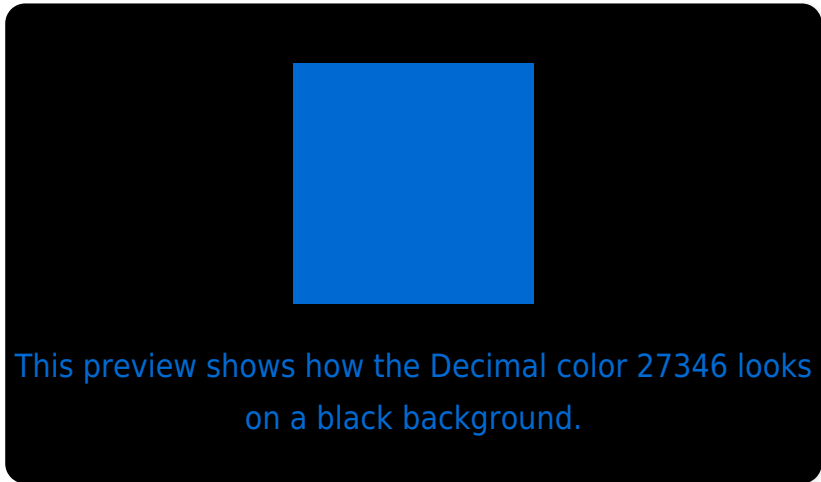
Large Text (above 18pt) WCAG AA ✓ Pass

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

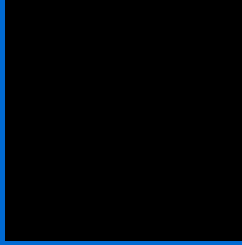
Any Text WCAG AA × Fail

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 27346 Background



This preview shows how black text looks on a background with the Decimal color 27346.



This preview shows how white text looks on a background with the Decimal color 27346.

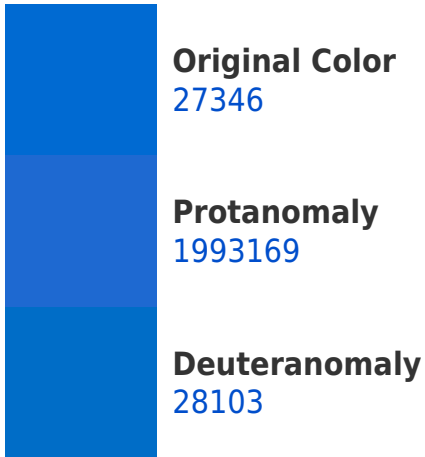
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 27346 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 #006AD2 looks like.

```
.text, #text, p{  
    color:#006AD2  
}
```

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 #006AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006AD2
}
```

Border

The CSS property to change the border of an element to Decimal 27346 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
#006AD2 }
```

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

```
.border{ border-color:#006AD2 }
```

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

Here you see how a box with a 4 pixel #006AD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006AD2; -webkit-box-shadow:4px 4px  
4px 4px #006AD2; box-shadow:4px 4px 4px  
4px #006AD2 }
```

Background

The CSS property to change the background color of an element to Decimal 27346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006AD2 }
```

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

```
.background{ background-color:#006AD2 }
```

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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