

# Converting Colors

Decimal(34000)

Have a look what the booklet for  
Decimal(34000) contains.

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# Color

**Decimal(34000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0084D0
RGB	0, 132, 208
RGB Percent	0%, 52%, 82%
CMY	1.0000, 0.4824, 0.1843
CMYK	1.00, 0.37, 0.00, 0.18
HSL	202°, 100%, 41%
HSV	202°, 100%, 82%
XYZ	19.6364, 21.0566, 62.7039
YIQ	101.1960, -103.0680, -4.3480

# Conversions

## Conversions Part 2

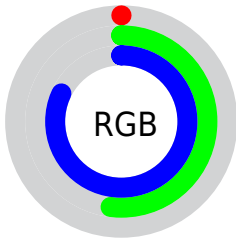
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 208
Decimal	34000
CIELab	53.01, -1.88, -47.41
CIELCh	53, 47.448, 267.728
Yxy	21.0566, 0.1899, 0.2036
Android (android.graphics.Color)	4278224080 (0xFF0084D0)
YUV	101.1960, 52.6544, -88.7489
Hunter-Lab	45.8875, -3.9183, -48.8968

# Details

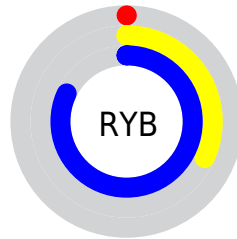
The Decimal color **34000** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **13650944**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **6601215**, and **21401** is the 20% darker color. If you saturate the color by 10%, you get **34000**, and if you desaturate by 10%, it is **1412304**.

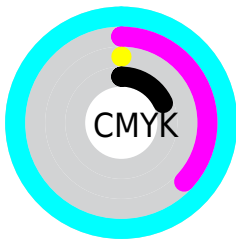
# Distribution



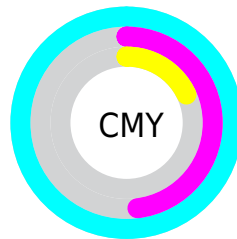
- Red (0%)
- Green (52%)
- Blue (82%)



- Red (0%)
- Yellow (32%)
- Blue (82%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (18%)



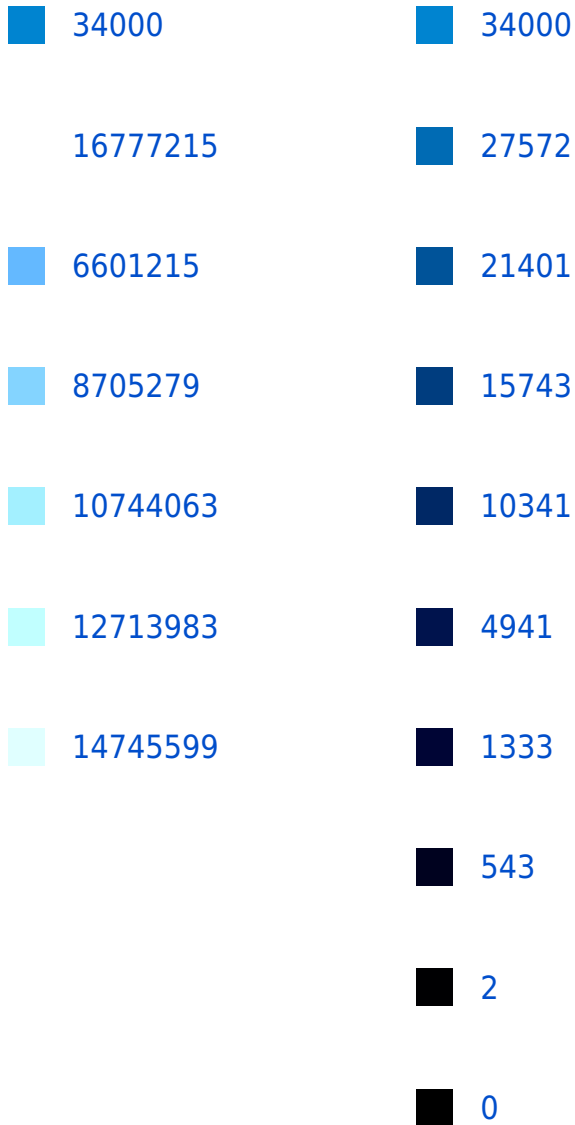
- Cyan (100%)
- Magenta (48%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 34000 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 34000 by changing the saturation by 10% instead.





■ 34000

■ 1412304

■ 2790352

■ 4103120

■ 5481168

■ 6859472

■ 8237776

■ 9615824

■ 10928592

■ 12306640

# Harmonies

## Analogous

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



36547



34000



8091079

# Triad

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



34000



13131355



3772241

# Complementary

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



34000



13650944

# 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.



7309106



34000



12020794

# Square

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



34000



12999299



9993000



37498

# Rectangle

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



34000



10513078



9993000



5147973

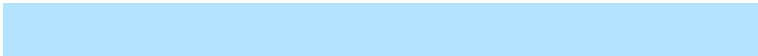


# Sweetspot

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



34000



11789311



53321



5402496



0



8421504

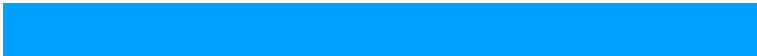


# Same Dimension

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



34000



41727



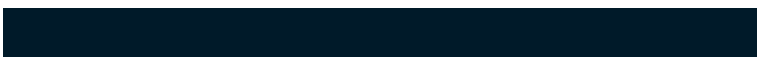
8144



6186345



27560



6697



# Inverse Universe

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



13631620



16711842



13676800



6905445



11010155



2687002



# Previews

## White Background



This preview shows how the Decimal color 34000 looks on a white background.

## Color Contrast Check

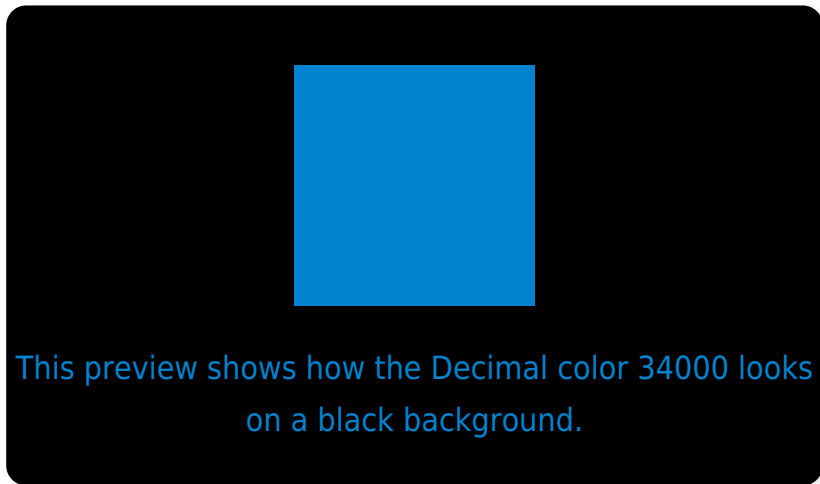
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

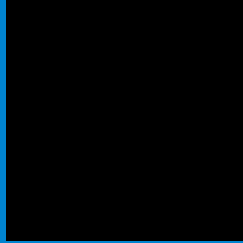
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 34000 Background



This preview shows how black text looks on a background with the Decimal color 34000.



This preview shows how white text looks on a background with the Decimal color 34000.

# 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](#).

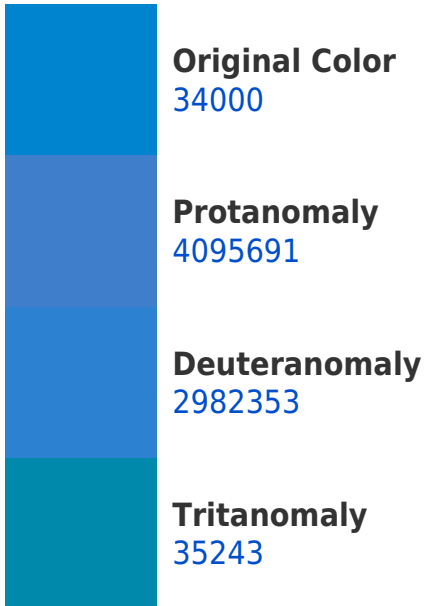
## Dichromacy





**Tritanopia**  
35990

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 34000 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 #0084D0 looks like.

```
.text, #text, p{  
    color:#0084D0  
}
```

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 #0084D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0084D0
}
```

## Border

The CSS property to change the border of an element to Decimal 34000 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
#0084D0 }
```

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

```
.border{ border-color:#0084D0 }
```

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

Here you see how a box with a 4 pixel #0084D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0084D0; -webkit-box-shadow:4px 4px  
4px 4px #0084D0; box-shadow:4px 4px 4px  
4px #0084D0 }
```

# Background

The CSS property to change the background color of an element to Decimal 34000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0084D0 }
```

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

```
.background{ background-color:#0084D0 }
```

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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