

# Converting Colors

Decimal(34742)

Have a look what the booklet for  
Decimal(34742) contains.

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# Color

**Decimal(34742)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 0087B6                      |
| RGB           | 0, 135, 182                 |
| RGB Percent   | 0%, 53%, 71%                |
| CMY           | 1.0000, 0.4706, 0.2863      |
| CMYK          | 1.00, 0.26, 0.00, 0.29      |
| HSL           | 195°, 100%, 36%             |
| HSV           | 195°, 100%, 71%             |
| XYZ           | 17.1075, 20.7053, 47.3508   |
| YIQ           | 99.9930, -95.5470, -14.0030 |

# Conversions

## Conversions Part 2

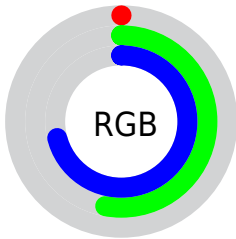
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 78, 182                     |
| Decimal                             | 34742                          |
| CIELab                              | 52.63, -13.49, -33.21          |
| CIELCh                              | 53, 35.843, 247.884            |
| Yxy                                 | 20.7053, 0.2009,<br>0.2431     |
| Android<br>(android.graphics.Color) | 4278224822<br>(0xFF0087B6)     |
| YUV                                 | 99.9930, 40.4295,<br>-87.6939  |
| Hunter-Lab                          | 45.5031, -12.5212,<br>-29.8454 |

# Details

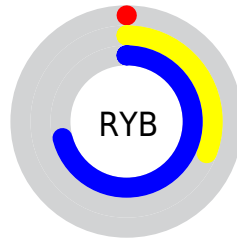
The Decimal color **34742** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11939584**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6208750**, and **21889** is the 20% darker color. If you saturate the color by 10%, you get **34742**, and if you desaturate by 10%, it is **1215670**.

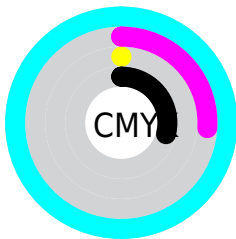
# Distribution



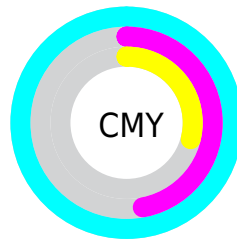
- Red (0%)
- Green (53%)
- Blue (71%)



- Red (0%)
- Yellow (31%)
- Blue (71%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (29%)




















- Cyan (100%)
- Magenta (47%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 34742 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 34742 by changing the saturation by 10% instead.



|   |   |
|---|---|
|  34742     |  34742 |
|  16777215  |  28315 |
|  6208750   |  21889 |
|  8247551   |  15975 |
|  10220799  |  10319 |
|  12189695  |  5176  |
|  14155775  |  546   |
|  16121855 |  8    |
|   |  0   |

 34742

■ 1215670

■ 2396342

■ 3642806

■ 4823734

■ 6004662

■ 7185334

■ 8366262

■ 9612726

■ 10793398

# Harmonies

## Analogous

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



36002



34742



5996218

# Triad

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



34742



12084343



6850380

# Complementary

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



34742



11939584

# 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.



9010751



34742



11888985

# Square

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



34742



11167893



10777669



4164709

# Rectangle

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



34742



8222388



10777669



7570502



# Sweetspot

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



34742



10935277



46638



5074296



16250871



7895160



# Same Dimension

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



34742



45293



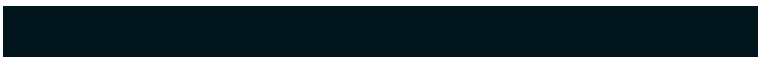
11958



5462364



29596



5404



# Inverse Universe

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



11927687



15532208



11962624



6050649



10223731



1835029



# Previews

## White Background



This preview shows how the Decimal color 34742 looks on a white background.

## Color Contrast Check

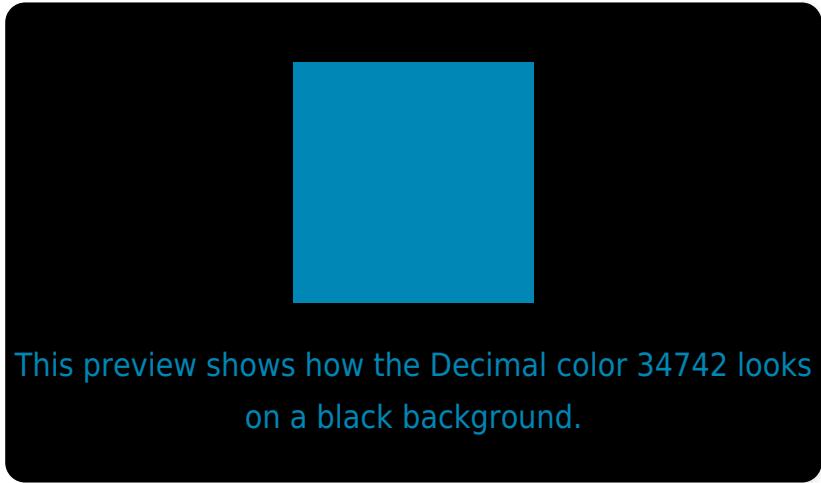
Large Text (above 18pt) WCAG AA ✓ Pass

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

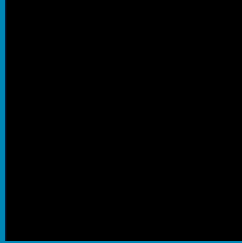
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 34742 Background



This preview shows how black text looks on a background with the Decimal color 34742.



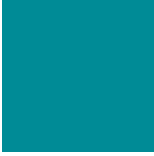
This preview shows how white text looks on a background with the Decimal color 34742.

# Color Blindness Simulation

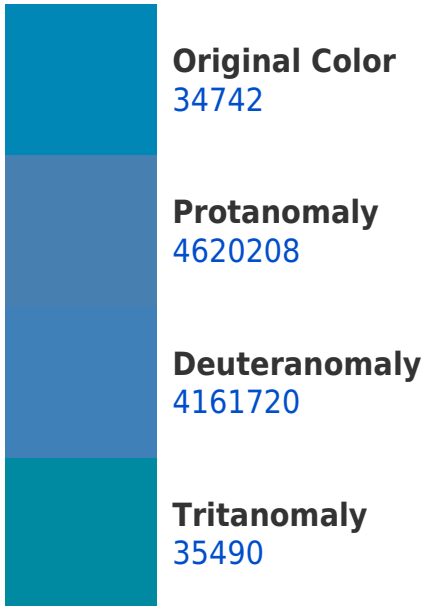
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 34742 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 #0087B6 looks like.

```
.text, #text, p{  
    color:#0087B6  
}
```

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 #0087B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087B6
}
```

## Border

The CSS property to change the border of an element to Decimal 34742 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
#0087B6 }
```

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

```
.border{ border-color:#0087B6 }
```

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

Here you see how a box with a 4 pixel #0087B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087B6; -webkit-box-shadow:4px 4px  
4px 4px #0087B6; box-shadow:4px 4px 4px  
4px #0087B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 34742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087B6 }
```

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

```
.background{ background-color:#0087B6 }
```

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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