

# Converting Colors

Decimal(37332)

Have a look what the booklet for  
Decimal(37332) contains.

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# Color

**Decimal(37332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0091D4
RGB	0, 145, 212
RGB Percent	0%, 57%, 83%
CMY	1.0000, 0.4314, 0.1686
CMYK	1.00, 0.32, 0.00, 0.17
HSL	199°, 100%, 42%
HSV	199°, 100%, 83%
XYZ	22.0091, 25.0043, 65.9537
YIQ	109.2830, -107.9270, -9.9030

# Conversions

## Conversions Part 2

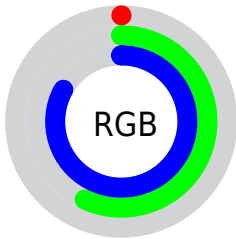
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 212
Decimal	37332
CIELab	57.08, -7.96, -43.22
CIELCh	57, 43.950, 259.564
Yxy	25.0043, 0.1948, 0.2213
Android (android.graphics.Color)	4278227412 (0xFF0091D4)
YUV	109.2830, 50.6395, -95.8412
Hunter-Lab	50.0043, -8.9418, -43.1982

# Details

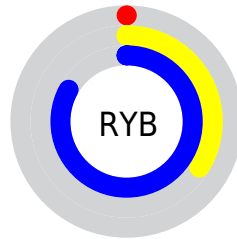
The Decimal color **37332** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **13910784**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **6670335**, and **24477** is the 20% darker color. If you saturate the color by 10%, you get **37332**, and if you desaturate by 10%, it is **1415380**.

# Distribution



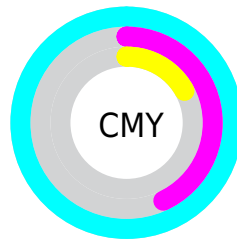
- Red (0%)
- Green (57%)
- Blue (83%)



- Red (0%)
- Yellow (34%)
- Blue (83%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



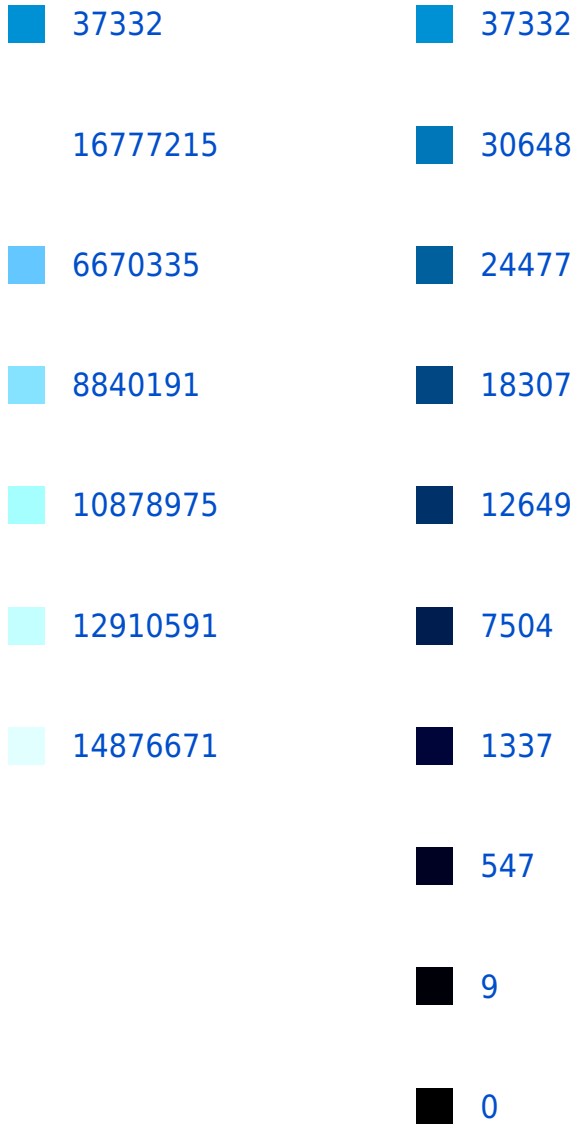
- Cyan (100%)
- Magenta (43%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 37332 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 37332 by changing the saturation by 10% instead.





■ 37332

■ 1415380

■ 2793172

■ 4236756

■ 5614804

■ 6992852

■ 8370644

■ 9748692

■ 11192276

■ 12570068

# Harmonies

## Analogous

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



39362



37332



7767249

# Triad

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



37332



13724273



5936981

# Complementary

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



37332



13910784

# 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.



8884030



37332



12940368

# Square

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



37332



1320024



11239996



40058

# Rectangle

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



37332



10255044



11239996



6985036



# Sweetspot

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



37332



11790335



54336



5403008



0



8421504

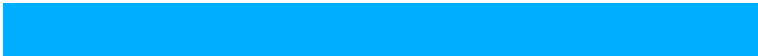


# Same Dimension

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



37332



44799



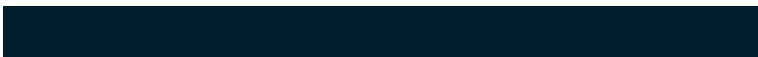
10964



6318187



30123



7723



# Inverse Universe

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



13893777



16711854



13937152



7037032



11206773



2818078



# Previews

## White Background



This preview shows how the Decimal color 37332 looks on a white background.

## Color Contrast Check

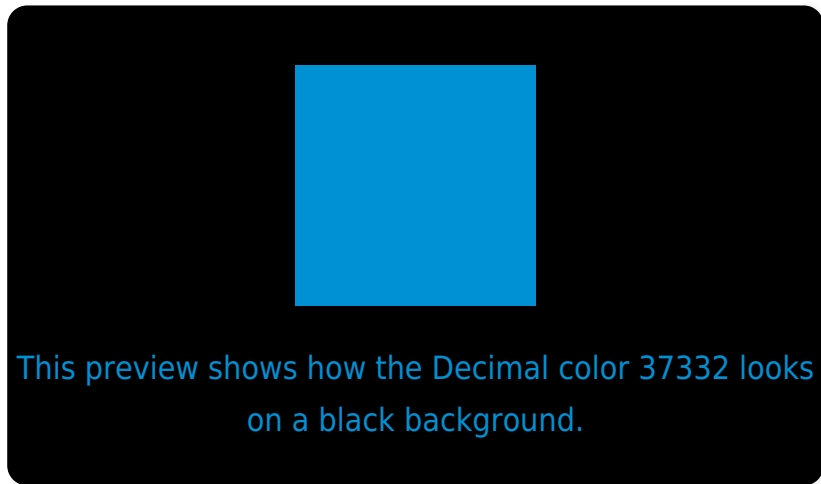
Large Text (above 18pt) WCAG AA ✓ Pass

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

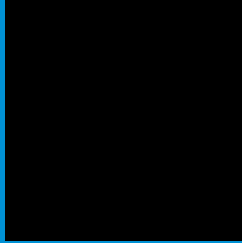
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 37332 Background



This preview shows how black text looks on a background with the Decimal color 37332.



This preview shows how white text looks on a background with the Decimal color 37332.

# 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](#).

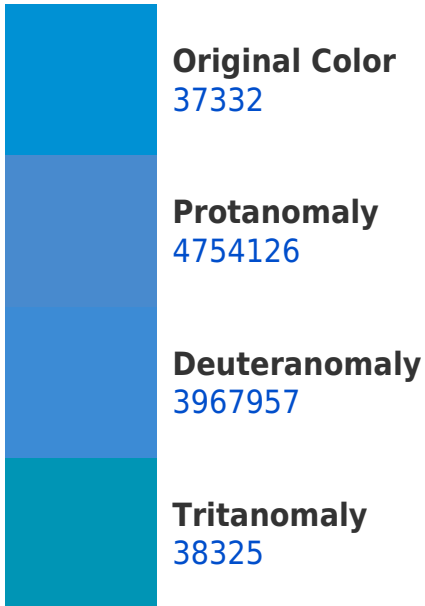
## Dichromacy



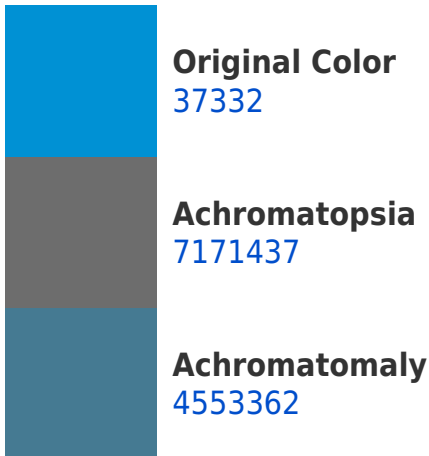


**Tritanopia**  
39075

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 37332 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 #0091D4 looks like.

```
.text, #text, p{  
    color:#0091D4  
}
```

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 #0091D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0091D4
}
```

## Border

The CSS property to change the border of an element to Decimal 37332 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
#0091D4 }
```

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

```
.border{ border-color:#0091D4 }
```

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

Here you see how a box with a 4 pixel #0091D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0091D4; -webkit-box-shadow:4px 4px  
4px 4px #0091D4; box-shadow:4px 4px 4px  
4px #0091D4 }
```

# Background

The CSS property to change the background color of an element to Decimal 37332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0091D4 }
```

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

```
.background{ background-color:#0091D4 }
```

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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