

Converting Colors

Decimal(36833)

Have a look what the booklet for
Decimal(36833) contains.

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Color

Decimal(36833)

Conversions

Conversions Part 1

Format	Color
Hex	008FE1
RGB	0, 143, 225
RGB Percent	0%, 56%, 88%
CMY	1.0000, 0.4392, 0.1176
CMYK	1.00, 0.36, 0.00, 0.12
HSL	202°, 100%, 44%
HSV	202°, 100%, 88%
XYZ	23.4131, 25.0812, 74.8413
YIQ	109.5910, -111.5500, -4.8140

Conversions

Conversions Part 2

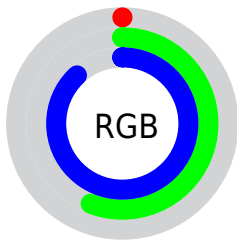
Format	Color
RYB	0, 87, 225
Decimal	36833
CIELab	57.15, -1.89, -50.38
CIELCh	57, 50.412, 267.853
Yxy	25.0812, 0.1898, 0.2034
Android (android.graphics.Color)	4278226913 (0xFF008FE1)
YUV	109.5910, 56.8966, -96.1113
Hunter-Lab	50.0811, -4.1926, -53.5463

Details

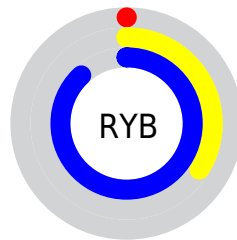
The Decimal color **36833** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **14766592**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **6866175**, and **23977** is the 20% darker color. If you saturate the color by 10%, you get **36833**, and if you desaturate by 10%, it is **1480673**.

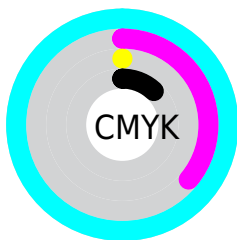
Distribution



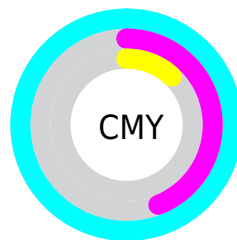
- Red (0%)
- Green (56%)
- Blue (88%)



- Red (0%)
- Yellow (34%)
- Blue (88%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (12%)

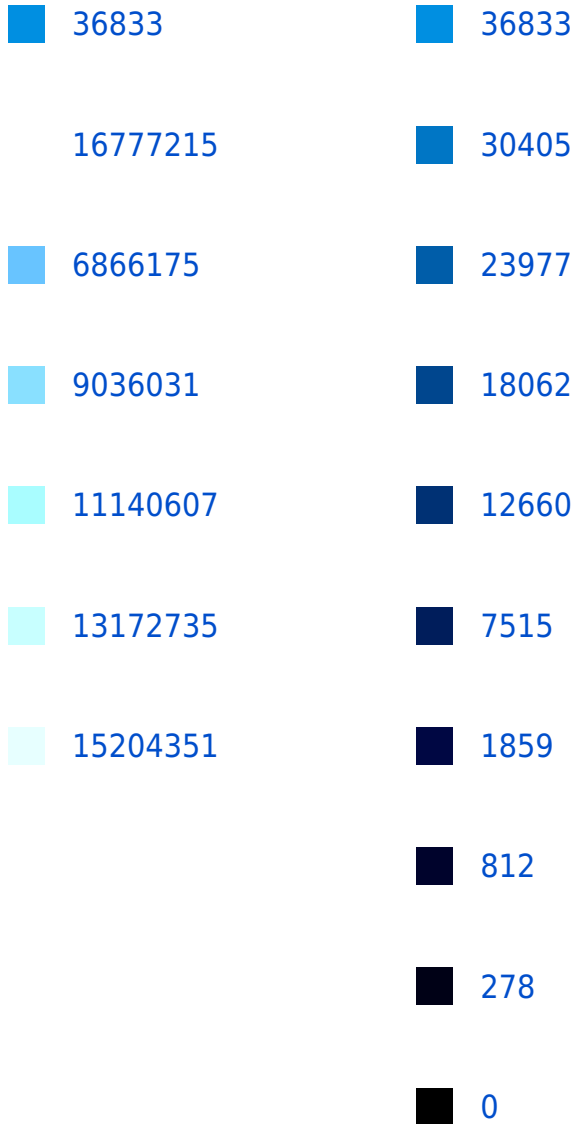


- Cyan (100%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 36833 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 36833 by changing the saturation by 10% instead.



■ 36833

■ 1480673

■ 2990049

■ 4499681

■ 5943521

■ 7452897

■ 8896737

■ 10340577

■ 11850209

■ 13359585

Harmonies

Analogous

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



39379



36833



8749015

Triad

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



36833



14181987



4037464

Complementary

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



36833



14766592

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.



7967542



36833



13006143

Square

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



36833



14115470



10782252



40580

Rectangle

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



36833



11367365



10782252



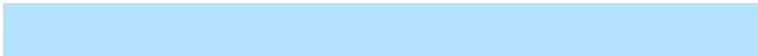
5609803

Sweetspot

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



36833



11789311



57679



5402496



0



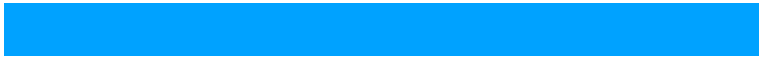
8421504

Same Dimension

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



36833



41727



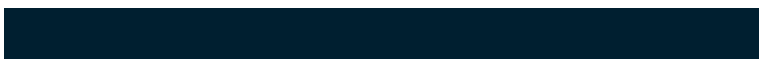
8929



6646896



28848



7984

Inverse Universe

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



14745743



16711842



14794496



7365996



11534448



3145759

Previews

White Background



This preview shows how the Decimal color 36833 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



This preview shows how the Decimal color 36833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

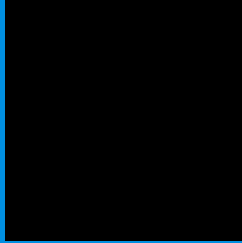
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

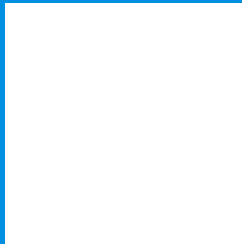
Any Text WCAG AAA × Fail

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

Decimal 36833 Background



This preview shows how black text looks on a background with the Decimal color 36833.



This preview shows how white text looks on a background with the Decimal color 36833.

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](#).

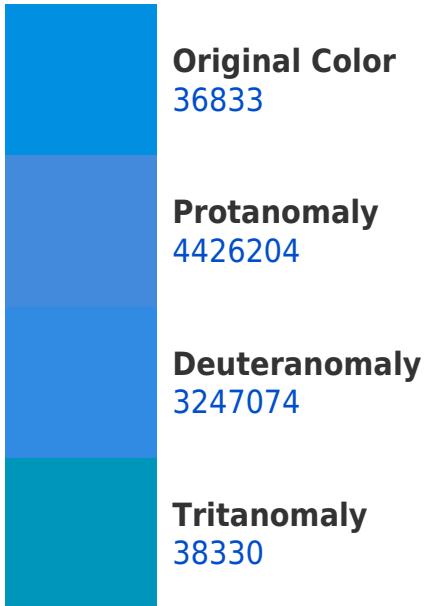
Dichromacy





Tritanopia
39075

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 36833 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 #008FE1 looks like.

```
.text, #text, p{  
    color:#008FE1  
}
```

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 #008FE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008FE1
}
```

Border

The CSS property to change the border of an element to Decimal 36833 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
#008FE1 }
```

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

```
.border{ border-color:#008FE1 }
```

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

Here you see how a box with a 4 pixel #008FE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008FE1; -webkit-box-shadow:4px 4px  
4px 4px #008FE1; box-shadow:4px 4px 4px  
4px #008FE1 }
```

Background

The CSS property to change the background color of an element to Decimal 36833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008FE1 }
```

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

```
.background{ background-color:#008FE1 }
```

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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