

Converting Colors

Decimal(33741)

Have a look what the booklet for
Decimal(33741) contains.

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Color

Decimal(33741)

Conversions

Conversions Part 1

Format	Color
Hex	0083CD
RGB	0, 131, 205
RGB Percent	0%, 51%, 80%
CMY	1.0000, 0.4863, 0.1961
CMYK	1.00, 0.36, 0.00, 0.20
HSL	202°, 100%, 40%
HSV	202°, 100%, 80%
XYZ	19.1357, 20.6404, 60.7330
YIQ	100.2670, -101.8300, -4.7580

Conversions

Conversions Part 2

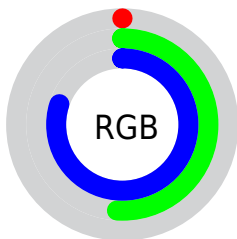
Format	Color
R _Y B	0, 80, 205
Decimal	33741
CIE Lab	52.55, -2.44, -46.44
CIE LCh	53, 46.502, 266.990
Yxy	20.6404, 0.1904, 0.2054
Android (android.graphics.Color)	4278223821 (0xFF0083CD)
YUV	100.2670, 51.6334, -87.9342
Hunter-Lab	45.4317, -4.3216, -47.4566

Details

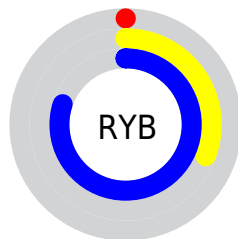
The Decimal color **33741** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **13453824**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6535423**, and **21142** is the 20% darker color. If you saturate the color by 10%, you get **33741**, and if you desaturate by 10%, it is **1346253**.

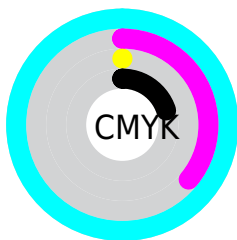
Distribution



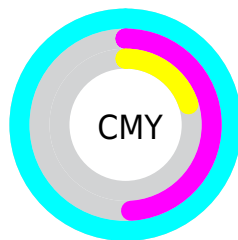
- Red (0%)
- Green (51%)
- Blue (80%)



- Red (0%)
- Yellow (31%)
- Blue (80%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)

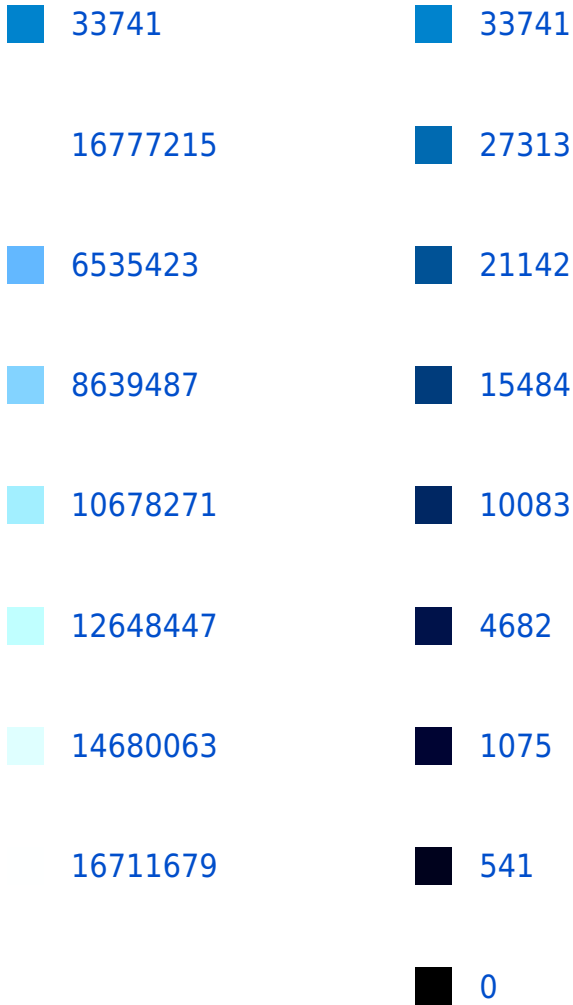


- Cyan (100%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33741 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 33741 by changing the saturation by 10% instead.



33741

■ 1346253

■ 2724557

■ 4102605

■ 5415373

■ 6793421

■ 8105933

■ 9484237

■ 10796749

■ 12175053

Harmonies

Analogous

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



36032



33741



7894469

Triad

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



33741



1300027



3902800

Complementary

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



33741



13453824

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.



7374386



33741



11889467

Square

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



33741



12802691



9927209



37240

Rectangle

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



33741



10316212



9927209



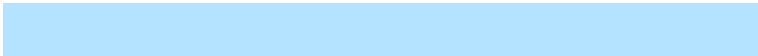
5278532

Sweetspot

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



33741



11789311



52552



5402496



0



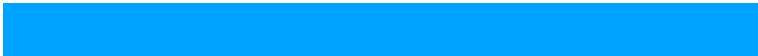
8421504

Same Dimension

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



33741



41983



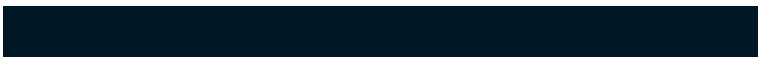
8141



6054502



27302



6182

Inverse Universe

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



13435011



16711843



13479424



6708322



10879082



2490392

Previews

White Background



This preview shows how the Decimal color 33741 looks on a white background.

Color Contrast Check

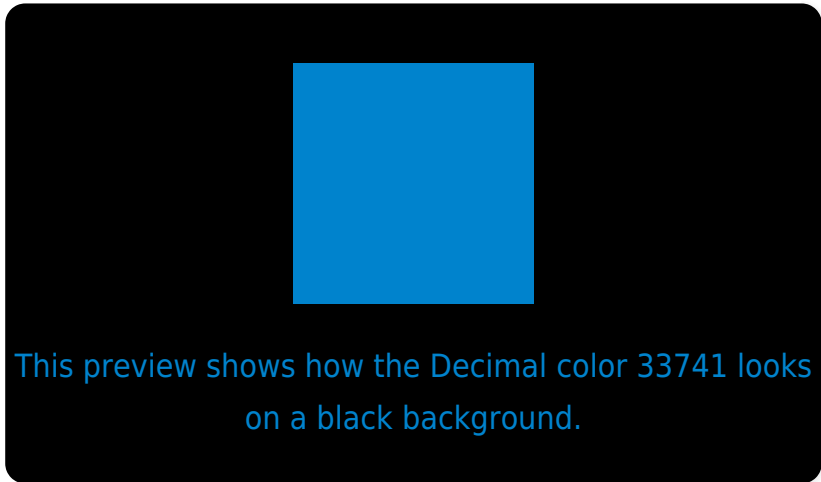
Large Text (above 18pt) WCAG AA ✓ Pass

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

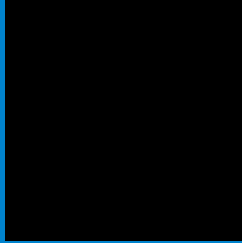
Any Text WCAG AA ✓ Pass

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 33741 Background



This preview shows how black text looks on a background with the Decimal color 33741.



This preview shows how white text looks on a background with the Decimal color 33741.

Color Blindness Simulation

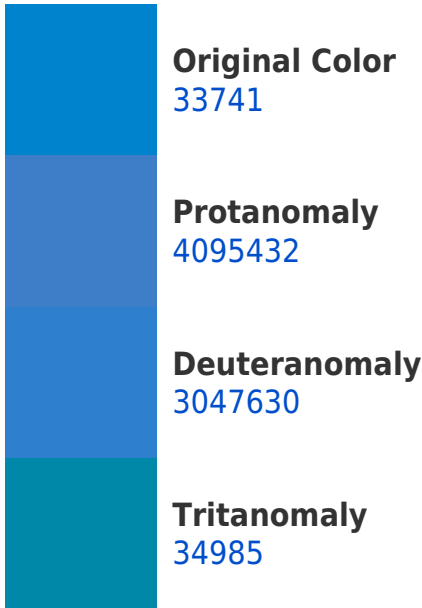
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33741 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 #0083CD looks like.

```
.text, #text, p{  
    color:#0083CD  
}
```

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 #0083CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0083CD
}
```

Border

The CSS property to change the border of an element to Decimal 33741 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
#0083CD }
```

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

```
.border{ border-color:#0083CD }
```

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

Here you see how a box with a 4 pixel #0083CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0083CD; -webkit-box-shadow:4px 4px  
4px 4px #0083CD; box-shadow:4px 4px 4px  
4px #0083CD }
```

Background

The CSS property to change the background color of an element to Decimal 33741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0083CD }
```

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

```
.background{ background-color:#0083CD }
```

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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