

Converting Colors

Decimal(33228)

Have a look what the booklet for
Decimal(33228) contains.

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Color

Decimal(33228)

Conversions

Conversions Part 1

Format	Color
Hex	0081CC
RGB	0, 129, 204
RGB Percent	0%, 51%, 80%
CMY	1.0000, 0.4941, 0.2000
CMYK	1.00, 0.37, 0.00, 0.20
HSL	202°, 100%, 40%
HSV	202°, 100%, 80%
XYZ	18.7493, 20.0601, 60.0105
YIQ	98.9790, -100.9590, -4.0230

Conversions

Conversions Part 2

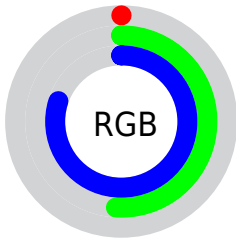
Format	Color
RYB	0, 79, 204
Decimal	33228
CIELab	51.91, -1.63, -46.90
CIELCh	52, 46.929, 268.007
Yxy	20.0601, 0.1897, 0.2030
Android (android.graphics.Color)	4278223308 (0xFF0081CC)
YUV	98.9790, 51.7754, -86.8046
Hunter-Lab	44.7886, -3.6565, -48.0885

Details

The Decimal color **33228** 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 **13388544**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **6534655**, and **20629** is the 20% darker color. If you saturate the color by 10%, you get **33228**, and if you desaturate by 10%, it is **1345996**.

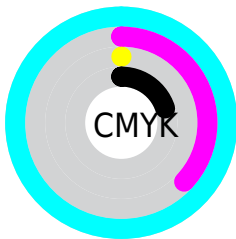
Distribution



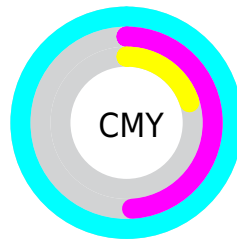
- Red (0%)
- Green (51%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)

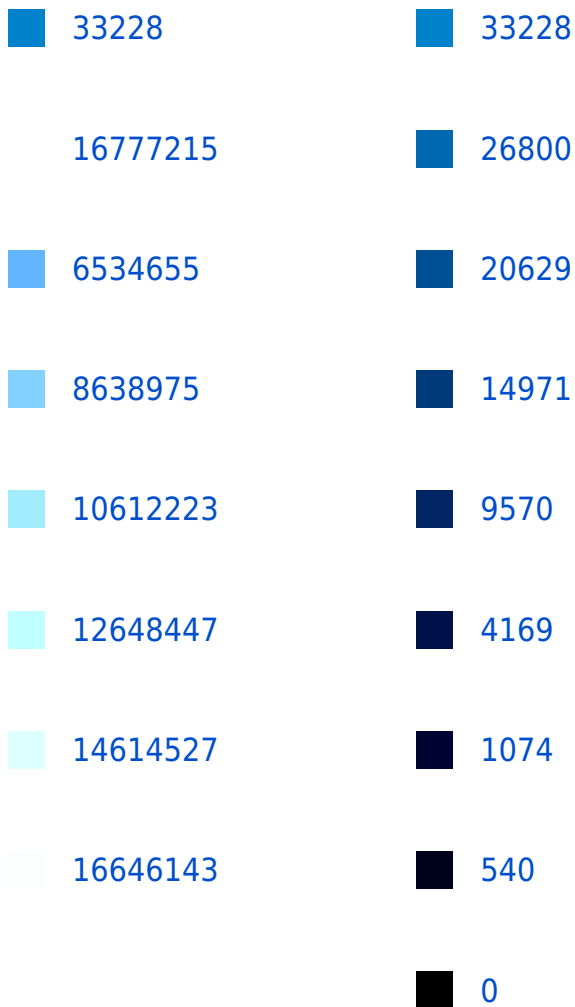


- Cyan (100%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33228 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 33228 by changing the saturation by 10% instead.



33228

■ 1345996

■ 2724044

■ 4036812

■ 5414860

■ 6727628

■ 8040140

■ 9418444

■ 10730956

■ 12109260

Harmonies

Analogous

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



35775



33228



7959235

Triad

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



33228



12868696



3574863

Complementary

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



33228



13388544

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.



7111984



33228



11758136

Square

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



33228



12802176



9730342



36728

Rectangle

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



33228



10315698



9730342



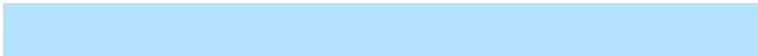
4950595

Sweetspot

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



33228



11789311



52299



5402496



0



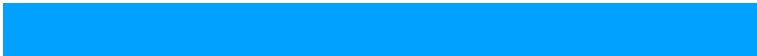
8421504

Same Dimension

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



33228



41471



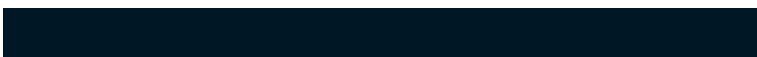
7116



6054502



27046



6182

Inverse Universe

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



13369473



16711841



13414656



6708322



10879081



2490392

Previews

White Background



This preview shows how the Decimal color 33228 looks on a white background.

Color Contrast Check

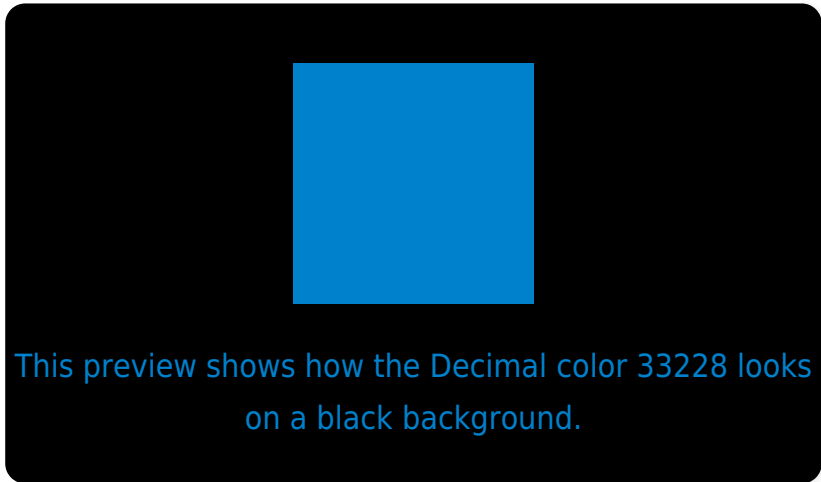
Large Text (above 18pt) WCAG AA ✓ Pass

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

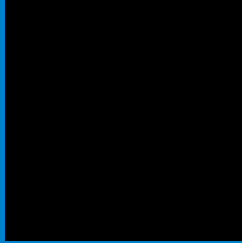
Any Text WCAG AA ✓ Pass

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 33228 Background



This preview shows how black text looks on a background with the Decimal color 33228.



This preview shows how white text looks on a background with the Decimal color 33228.

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](#).

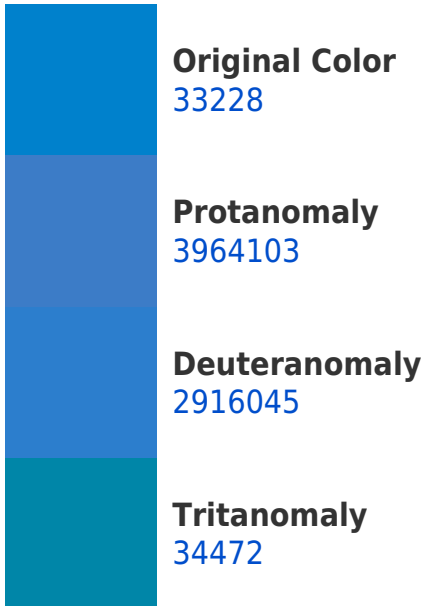
Dichromacy





Tritanopia
35219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 33228 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 #0081CC looks like.

```
.text, #text, p{  
    color:#0081CC  
}
```

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 #0081CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0081CC
}
```

Border

The CSS property to change the border of an element to Decimal 33228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

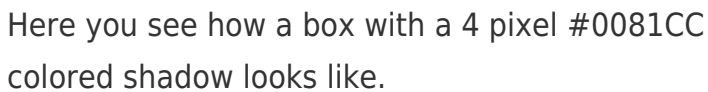
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0081CC }
```

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

```
.border{ border-color:#0081CC }
```

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



Here you see how a box with a 4 pixel #0081CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0081CC; -webkit-box-shadow:4px 4px  
4px 4px #0081CC; box-shadow:4px 4px 4px  
4px #0081CC }
```

Background

The CSS property to change the background color of an element to Decimal 33228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0081CC }
```

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

```
.background{ background-color:#0081CC }
```

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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