

Converting Colors

Decimal(688332)

Have a look what the booklet for
Decimal(688332) contains.

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Color

Decimal(688332)

Conversions

Conversions Part 1

Format	Color
Hex	0A80CC
RGB	10, 128, 204
RGB Percent	4%, 50%, 80%
CMY	0.9608, 0.4980, 0.2000
CMYK	0.95, 0.37, 0.00, 0.20
HSL	204°, 91%, 42%
HSV	204°, 95%, 80%
XYZ	18.7434, 19.8625, 59.9727
YIQ	101.3820, -94.7240, -1.3800

Conversions

Conversions Part 2

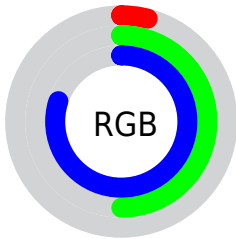
Format	Color
RYB	10, 83, 204
Decimal	688332
CIELab	51.68, -0.70, -47.25
CIELCh	52, 47.257, 269.153
Yxy	19.8625, 0.1901, 0.2015
Android (android.graphics.Color)	4278878412 (0xFF0A80CC)
YUV	101.3820, 50.5907, -80.1420
Hunter-Lab	44.5674, -2.9222, -48.5873

Details

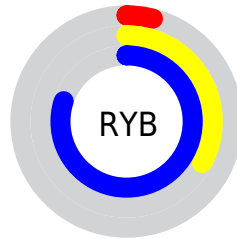
The Decimal color **688332** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **13391370**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **6665471**, and **20629** is the 20% darker color. If you saturate the color by 10%, you get **31948**, and if you desaturate by 10%, it is **2001100**.

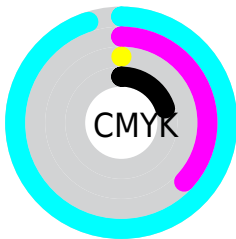
Distribution



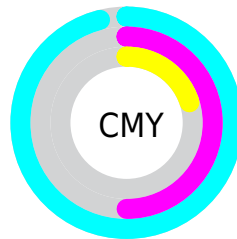
- Red (4%)
- Green (50%)
- Blue (80%)



- Red (4%)
- Yellow (33%)
- Blue (80%)



- Cyan (95%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (96%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 688332 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 688332 by changing the saturation by 10% instead.



688332



688332

16777215



26544



6665471



20629



8704255



14715



10743039



9314



12713983



3913



14745599



1074



540



0



688332



688332

■ 31948

■ 2001100

■ 3379404

■ 4692172

■ 6070476

■ 7383244

■ 8696012

■ 10074316

■ 11387084

■ 12765388

Harmonies

Analogous

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



35520



688332



8024514

Triad

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



688332



12802902



3312720

Complementary

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



688332



13391370

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.



6980656



688332



11626806

Square

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



688332



12801918



9599269



36729

Rectangle

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



688332



10380977



9599269



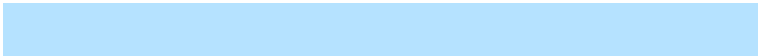
4753988

Sweetspot

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



688332



11920127



707668



5467776



0



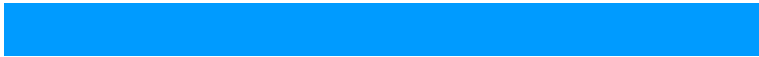
8421504

Same Dimension

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



688332



39935



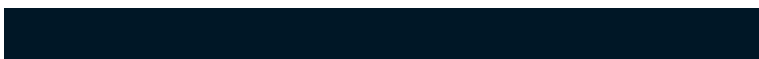
664012



6054502



26022



5926

Inverse Universe

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



13372032



16711835



13415690



6708322



10879077



2490391

Previews

White Background



This preview shows how the Decimal color 688332 looks on a white background.

Color Contrast Check

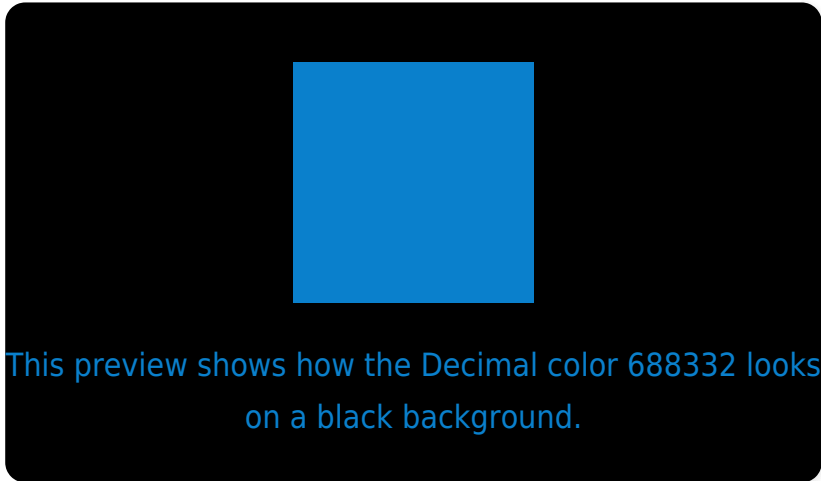
Large Text (above 18pt) WCAG AA ✓ Pass

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

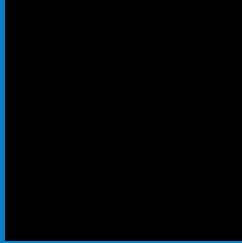
Any Text WCAG AA ✓ Pass

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 688332 Background



This preview shows how black text looks on a background with the Decimal color 688332.



This preview shows how white text looks on a background with the Decimal color 688332.

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](#).

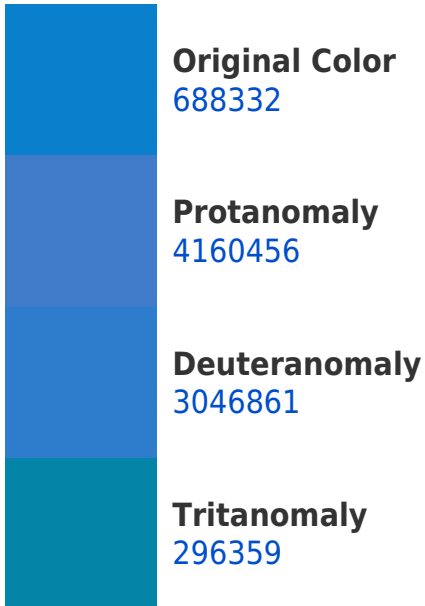
Dichromacy





Tritanopia
34962

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 688332 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 #0A80CC looks like.

```
.text, #text, p{  
    color:#0A80CC  
}
```

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 #0A80CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A80CC
}
```

Border

The CSS property to change the border of an element to Decimal 688332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

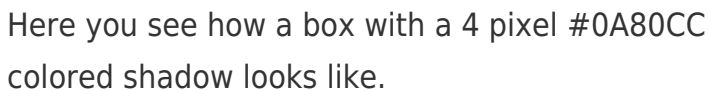
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A80CC }
```

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

```
.border{ border-color:#0A80CC }
```

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



Here you see how a box with a 4 pixel #0A80CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A80CC; -webkit-box-shadow:4px 4px  
4px 4px #0A80CC; box-shadow:4px 4px 4px  
4px #0A80CC }
```

Background

The CSS property to change the background color of an element to Decimal 688332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A80CC }
```

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

```
.background{ background-color:#0A80CC }
```

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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