

Converting Colors

Decimal(2722009)

Have a look what the booklet for
Decimal(2722009) contains.

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Color

Decimal(2722009)

Conversions

Conversions Part 1

Format	Color
Hex	2988D9
RGB	41, 136, 217
RGB Percent	16%, 53%, 85%
CMY	0.8392, 0.4667, 0.1490
CMYK	0.81, 0.37, 0.00, 0.15
HSL	208°, 70%, 51%
HSV	208°, 81%, 85%
XYZ	22.2430, 23.0895, 68.9300
YIQ	116.8290, -82.6210, 5.0510

Conversions

Conversions Part 2

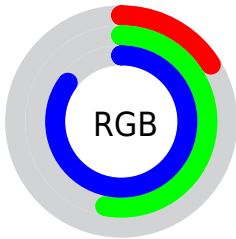
Format	Color
R_{YB}	41, 103, 217
Decimal	2722009
CIE Lab	55.16, 1.38, -49.03
CIE LCh	55, 49.052, 271.610
Yxy	23.0895, 0.1947, 0.2021
Android (android.graphics.Color)	4280912089 (0xFF2988D9)
YUV	116.8290, 49.3843, -66.5020
Hunter-Lab	48.0515, -1.4627, -51.4156

Details

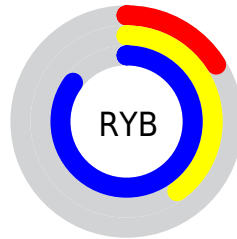
The Decimal color **2722009** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **14252585**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **7519743**, and **22434** is the 20% darker color. If you saturate the color by 10%, you get **1277657**, and if you desaturate by 10%, it is **4166361**.

Distribution



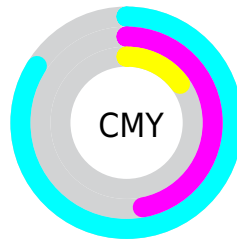
- Red (16%)
- Green (53%)
- Blue (85%)



- Red (16%)
- Yellow (40%)
- Blue (85%)



- Cyan (81%)
- Magenta (37%)
- Yellow (0%)
- Black (15%)

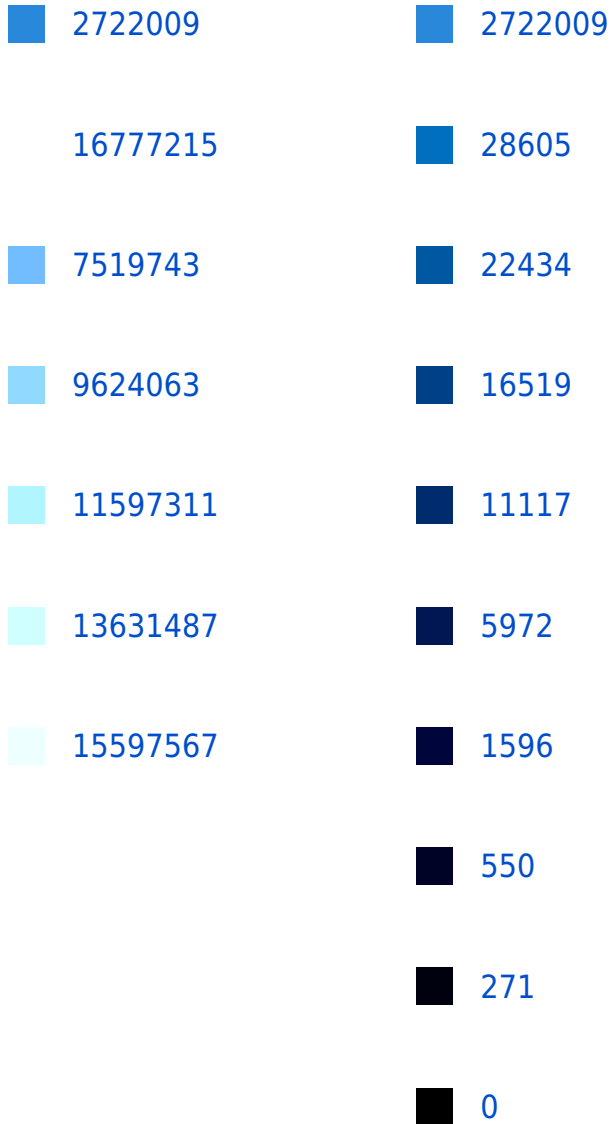


- Cyan (84%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2722009 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 2722009 by changing the saturation by 10% instead.



■ 2722009

■ 2722009

■ 1277657

■ 4166361

■ 30169

■ 5545177

■ 6989529

■ 8433881

■ 9812697

■ 11257049

■ 12701401

■ 14145753

■ 15524569

Harmonies

Analogous

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



37838



2722009



9009357

Triad

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



2722009



13591642



3184218

Complementary

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



2722009



14252585

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.



7245367



2722009



12284729

Square

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



2722009



13655684



10060585



39301

Rectangle

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



2722009



11300025



10060585



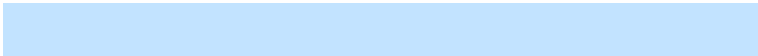
4887629

Sweetspot

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



2722009



12772351



2742648



5992064



0



8421504

Same Dimension

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



2722009



560639



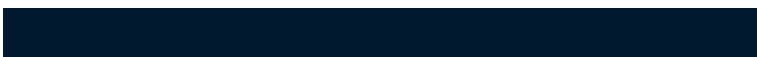
2699993



6515054



24237



6446

Inverse Universe

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



14231944



16713869



14274601



7234409



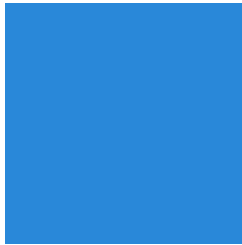
11337822



3014681

Previews

White Background



This preview shows how the Decimal color 2722009 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 2722009 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

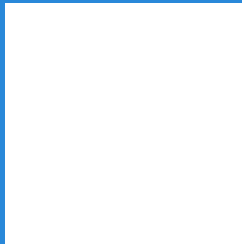
Any Text WCAG AAA × Fail

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

Decimal 2722009 Background



This preview shows how black text looks on a background with the Decimal color 2722009.



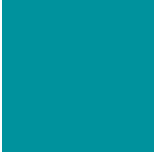
This preview shows how white text looks on a background with the Decimal color 2722009.

Color Blindness Simulation

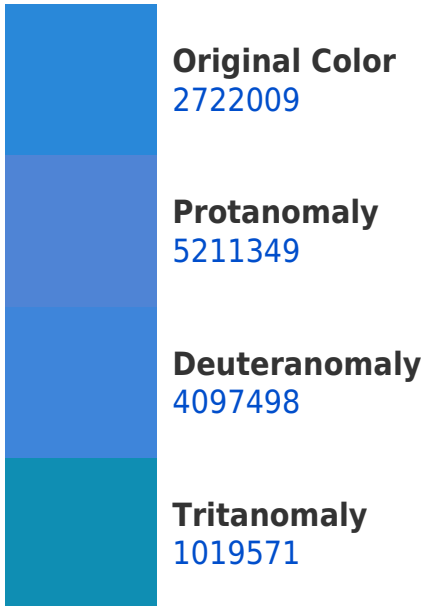
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2722009 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 #2988D9 looks like.

```
.text, #text, p{  
    color:#2988D9  
}
```

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 #2988D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2988D9
}
```

Border

The CSS property to change the border of an element to Decimal 2722009 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
#2988D9 }
```

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

```
.border{ border-color:#2988D9 }
```

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

Here you see how a box with a 4 pixel #2988D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2988D9; -webkit-box-shadow:4px 4px  
4px 4px #2988D9; box-shadow:4px 4px 4px  
4px #2988D9 }
```

Background

The CSS property to change the background color of an element to Decimal 2722009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2988D9 }
```

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

```
.background{ background-color:#2988D9 }
```

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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