

Converting Colors

Decimal(4293329)

Have a look what the booklet for
Decimal(4293329) contains.

| | |
|--|----|
| Decimal(4293329) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(4293329)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4182D1 |
| RGB | 65, 130, 209 |
| RGB Percent | 25%, 51%, 82% |
| CMY | 0.7451, 0.4902, 0.1804 |
| CMYK | 0.69, 0.38, 0.00, 0.18 |
| HSL | 213°, 61%, 54% |
| HSV | 213°, 69%, 82% |
| XYZ | 21.6712, 21.6925, 63.3665 |
| YIQ | 119.5710, -64.0990, 10.7890 |

Conversions

Conversions Part 2

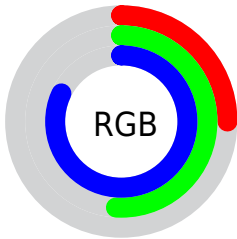
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 65, 110, 209 |
| Decimal | 4293329 |
| CIE Lab | 53.70, 5.03, -46.81 |
| CIE LCh | 54, 47.078, 276.134 |
| Yxy | 21.6925, 0.2030, 0.2032 |
| Android (android.graphics.Color) | 4282483409 (0xFF4182D1) |
| YUV | 119.5710, 44.0885, -47.8588 |
| Hunter-Lab | 46.5752, 1.5485, -48.0625 |

Details

The Decimal color **4293329** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **13733953**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8435711**, and **20890** is the 20% darker color. If you saturate the color by 10%, you get **2914257**, and if you desaturate by 10%, it is **5672401**.

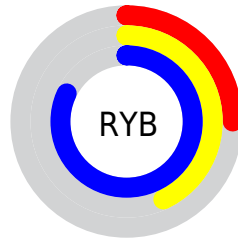
Distribution



Red (25%)

Green (51%)

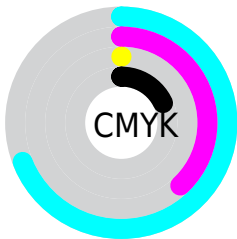
Blue (82%)



Red (25%)

Yellow (43%)

Blue (82%)

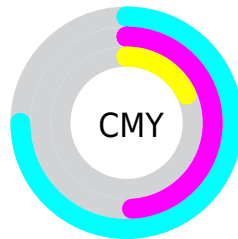


Cyan (69%)

Magenta (38%)

Yellow (0%)

Black (18%)



Cyan (75%)

Magenta (49%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4293329 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 4293329 by changing the saturation by 10% instead.

■ 4293329

■ 4293329

16777215

■ 1403317

■ 8435711

■ 20890

■ 10343167

■ 15232

■ 12316415

■ 9830

■ 14286847

■ 4430

■ 16252927

■ 1334

■ 544

■ 4

■ 0

■ 4293329

■ 4293329

■ 2914257

■ 5672401

■ 1534929

■ 7051729

■ 155857

■ 8430801

■ 24273

■ 9810129

■ 11189201

■ 12502993

■ 13882065

■ 15261393

■ 16640465

Harmonies

Analogous

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



36298



4293329



9335490

Triad

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



4293329



13067091



2331230

Complementary

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



4293329



13733953

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.



6589499



4293329



11629109

Square

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



4293329



13327482



9404714



38024

Rectangle

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



4293329



11364270



9404714



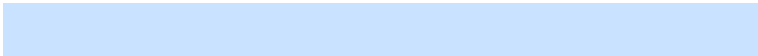
4165713

Sweetspot

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



4293329



13230847



4313486



6319744



0



8421504

Same Dimension

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



4293329



2853887



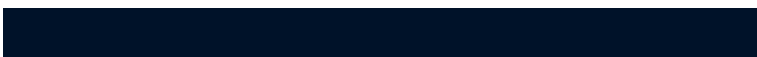
4604369



6185833



19624



4649

Inverse Universe

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



13713794



16722827



13422913



6905443



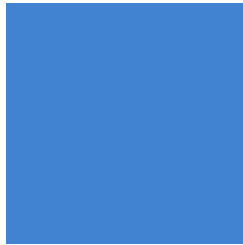
11010124



2686994

Previews

White Background



This preview shows how the Decimal color 4293329 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 4293329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

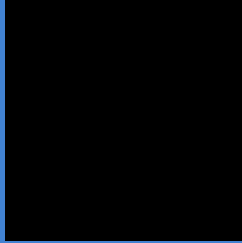
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

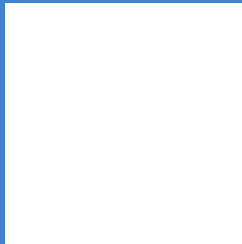
Any Text WCAG AAA × Fail

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

Decimal 4293329 Background



This preview shows how black text looks on a background with the Decimal color 4293329.



This preview shows how white text looks on a background with the Decimal color 4293329.

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](#).

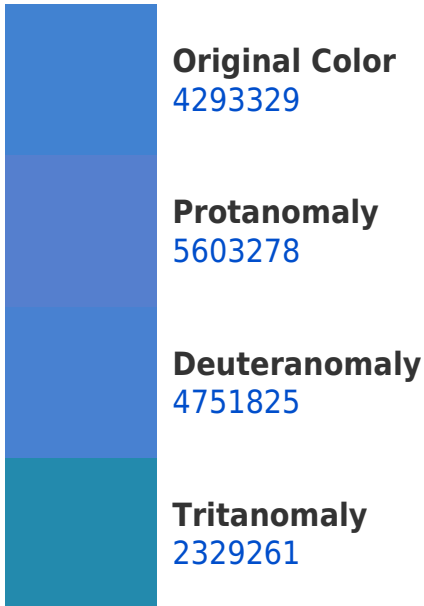
Dichromacy



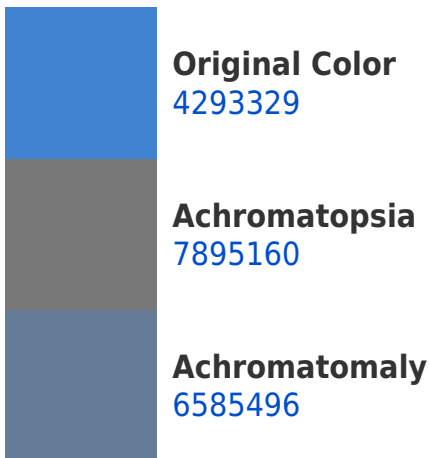


Tritanopia
1216153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4293329 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 #4182D1 looks like.

```
.text, #text, p{  
    color:#4182D1  
}
```

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 #4182D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4182D1
}
```

Border

The CSS property to change the border of an element to Decimal 4293329 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
#4182D1 }
```

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

```
.border{ border-color:#4182D1 }
```

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

Here you see how a box with a 4 pixel #4182D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4182D1; -webkit-box-shadow:4px 4px  
4px 4px #4182D1; box-shadow:4px 4px 4px  
4px #4182D1 }
```

Background

The CSS property to change the background color of an element to Decimal 4293329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4182D1 }
```

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

```
.background{ background-color:#4182D1 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor