

Converting Colors

Decimal(4235449)

Have a look what the booklet for
Decimal(4235449) contains.

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Color

Decimal(4235449)

Conversions

Conversions Part 1

Format	Color
Hex	40A0B9
RGB	64, 160, 185
RGB Percent	25%, 63%, 73%
CMY	0.7490, 0.3725, 0.2745
CMYK	0.65, 0.14, 0.00, 0.27
HSL	192°, 49%, 49%
HSV	192°, 65%, 73%
XYZ	23.4421, 29.7344, 50.4027
YIQ	134.1460, -65.2410, -12.5770

Conversions

Conversions Part 2

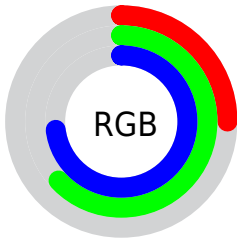
Format	Color
R_{YB}	64, 118, 185
Decimal	4235449
CIE _{Lab}	61.42, -20.16, -21.22
CIE _{LCh}	61, 29.275, 226.466
Yxy	29.7344, 0.2263, 0.2871
Android (android.graphics.Color)	4282425529 (0xFF40A0B9)
YUV	134.1460, 25.0710, -61.5180
Hunter-Lab	54.5292, -18.6890, -16.6327

Details

The Decimal color **4235449** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **12147008**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8247281**, and **27780** is the 20% darker color. If you saturate the color by 10%, you get **3054777**, and if you desaturate by 10%, it is **5416121**.

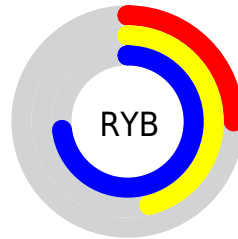
Distribution



Red (25%)

Green (63%)

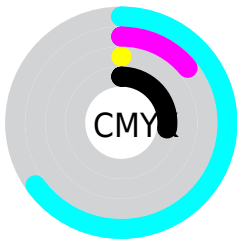
Blue (73%)



Red (25%)

Yellow (46%)

Blue (73%)

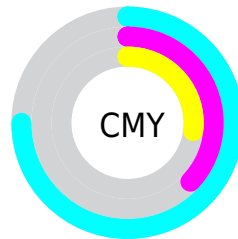


Cyan (65%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (75%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4235449 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 4235449 by changing the saturation by 10% instead.

■ 4235449

■ 4235449

16777215

■ 1607326

■ 8247281

■ 27780

■ 10155007

■ 21611

■ 12058623

■ 15442

■ 14024703

■ 9787

■ 15990783

■ 3110

■ 271

■ 0

■ 4235449

■ 4235449

■ 3054777

■ 5416121

■ 1808569

■ 6662329

■ 562617

■ 7908281

■ 37817

■ 9088953

■ 10335161

■ 11515833

■ 12762041

■ 13942713

■ 15123129

Harmonies

Analogous

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



4301474



4235449



6265542

Triad

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



4235449



12616353



10000226

Complementary

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



4235449



12147008

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.



11636578



4235449



13140359

Square

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



4235449



11110840



12748400



8035952

Rectangle

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



4235449



8033735



12748400



10589537

Sweetspot

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



4235449



12642032



4241752



5993080



16250871



7895160

Same Dimension

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



4235449



3525104



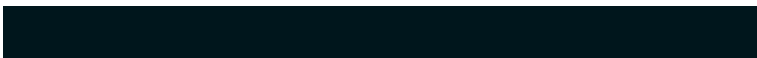
4220089



5462620



31644



5660

Inverse Universe

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



12140704



15742409



12162368



6050650



10223739



1835030

Previews

White Background



This preview shows how the Decimal color 4235449 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 4235449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

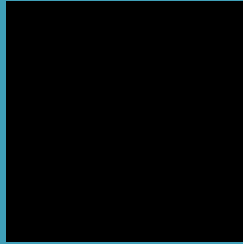
Any Text WCAG AA ✓ Pass

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 4235449 Background



This preview shows how black text looks on a background with the Decimal color 4235449.



This preview shows how white text looks on a background with the Decimal color 4235449.

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](#).

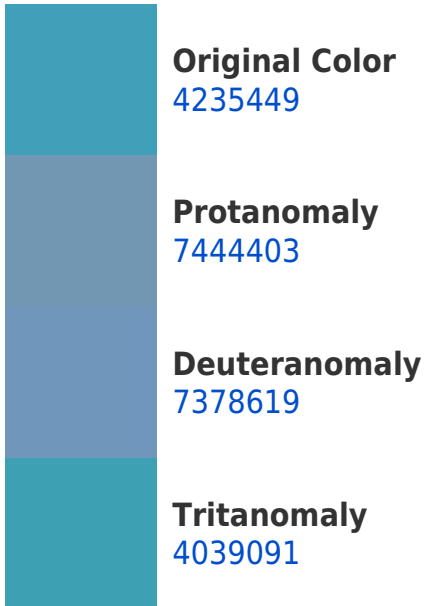
Dichromacy





Tritanopia
3908271

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4235449 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 #40A0B9 looks like.

```
.text, #text, p{  
  color:#40A0B9  
}
```

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 #40A0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A0B9
}
```

Border

The CSS property to change the border of an element to Decimal 4235449 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
#40A0B9 }
```

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

```
.border{ border-color:#40A0B9 }
```

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

Here you see how a box with a 4 pixel #40A0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A0B9; -webkit-box-shadow:4px 4px  
4px 4px #40A0B9; box-shadow:4px 4px 4px  
4px #40A0B9 }
```

Background

The CSS property to change the background color of an element to Decimal 4235449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A0B9 }
```

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

```
.background{ background-color:#40A0B9 }
```

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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