

Converting Colors

Decimal(4231359)

Have a look what the booklet for
Decimal(4231359) contains.

Decimal(4231359)	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(4231359)

Conversions

Conversions Part 1

Format	Color
Hex	4090BF
RGB	64, 144, 191
RGB Percent	25%, 56%, 75%
CMY	0.7490, 0.4353, 0.2510
CMYK	0.66, 0.25, 0.00, 0.25
HSL	202°, 50%, 50%
HSV	202°, 66%, 75%
XYZ	21.4916, 24.7981, 52.9440
YIQ	125.4380, -62.7670, -2.3430

Conversions

Conversions Part 2

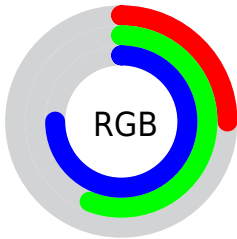
Format	Color
RYB	64, 113, 191
Decimal	4231359
CIELab	56.88, -9.52, -31.62
CIELCh	57, 33.021, 253.247
Yxy	24.7981, 0.2166, 0.2499
Android (android.graphics.Color)	4282421439 (0xFF4090BF)
YUV	125.4380, 32.3221, -53.8811
Hunter-Lab	49.7977, -10.1093, -28.1777

Details

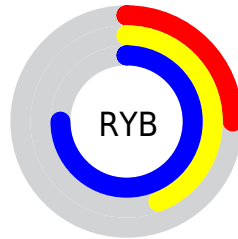
The Decimal color **4231359** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **12545856**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **8242936**, and **24201** is the 20% darker color. If you saturate the color by 10%, you get **2984383**, and if you desaturate by 10%, it is **5478335**.

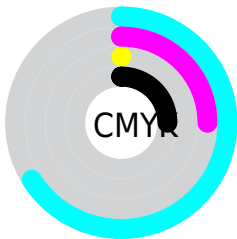
Distribution



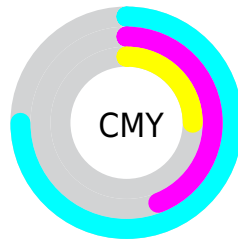
- Red (25%)
- Green (56%)
- Blue (75%)



- Red (25%)
- Yellow (44%)
- Blue (75%)



- Cyan (66%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4231359 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 4231359 by changing the saturation by 10% instead.

■ 4231359

■ 4231359

16777215

■ 1668772

■ 8242936

■ 24201

■ 10150655

■ 18032

■ 12058367

■ 12375

■ 13959167

■ 7231

■ 15925247

■ 809

■ 275

■ 0

■ 4231359

■ 4231359

■ 2984383

■ 5478335

■ 1737407

■ 6725311

■ 490431

■ 7972287

■ 30911

■ 9219263

■ 10531775

■ 11778751

■ 13025727

■ 14272959

■ 15519935

Harmonies

Analogous

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



38575



4231359



7571392

Triad

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



4231359



12612221



7311966

Complementary

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



4231359



12545856

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.



9407312



4231359



12286050

Square

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



4231359



11957402



11108690



4888439

Rectangle

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



4231359



9470137



11108690



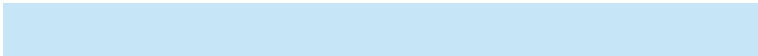
8032343

Sweetspot

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



4231359



13034999



4243311



6255229



16579836



8224125

Same Dimension

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



4231359



3256055



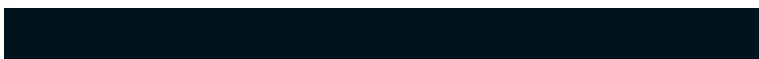
4215231



5593950



25758



4895

Inverse Universe

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



12533904



16200110



12561984



6182235



10354788



2031635

Previews

White Background



This preview shows how the Decimal color 4231359 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 4231359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

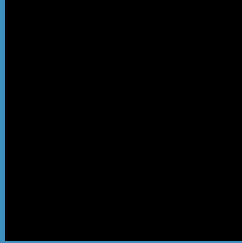
Any Text WCAG AA ✓ Pass

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 4231359 Background



This preview shows how black text looks on a background with the Decimal color 4231359.



This preview shows how white text looks on a background with the Decimal color 4231359.

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](#).

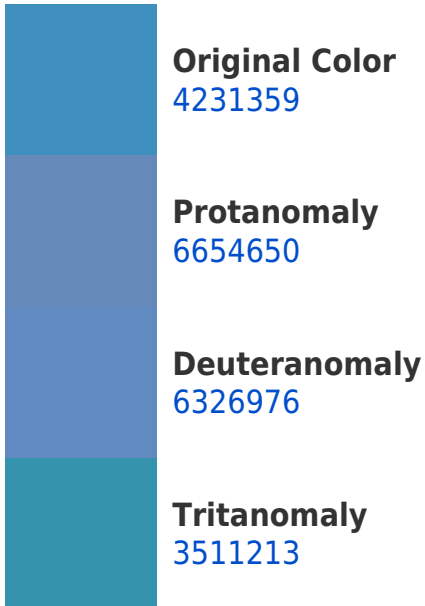
Dichromacy





Tritanopia
3118498

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4231359 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 #4090BF looks like.

```
.text, #text, p{  
    color:#4090BF  
}
```

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 #4090BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4090BF
}
```

Border

The CSS property to change the border of an element to Decimal 4231359 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
#4090BF }
```

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

```
.border{ border-color:#4090BF }
```

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

Here you see how a box with a 4 pixel #4090BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4090BF; -webkit-box-shadow:4px 4px  
4px 4px #4090BF; box-shadow:4px 4px 4px  
4px #4090BF }
```

Background

The CSS property to change the background color of an element to Decimal 4231359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4090BF }
```

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

```
.background{ background-color:#4090BF }
```

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