

Converting Colors

Decimal(4271359)

Have a look what the booklet for
Decimal(4271359) contains.

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Color

Decimal(4271359)

Conversions

Conversions Part 1

Format	Color
Hex	412CFF
RGB	65, 44, 255
RGB Percent	25%, 17%, 100%
CMY	0.7451, 0.8275, 0.0000
CMYK	0.75, 0.83, 0.00, 0.00
HSL	246°, 100%, 59%
HSV	246°, 83%, 100%
XYZ	21.1307, 10.1452, 95.4522
YIQ	74.3330, -55.2150, 70.0730

Conversions

Conversions Part 2

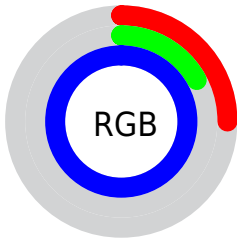
Format	Color
R _Y B	65, 44, 255
Decimal	4271359
CIE Lab	38.10, 69.70, -98.13
CIE LCh	38, 120.368, 305.384
Yxy	10.1452, 0.1667, 0.0801
Android (android.graphics.Color)	4282461439 (0xFF412CFF)
YUV	74.3330, 89.0688, -8.1850
Hunter-Lab	31.8515, 62.6788, -155.3836

Details

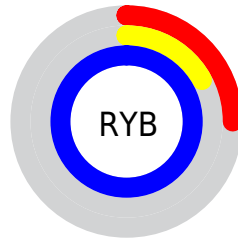
The Decimal color **4271359** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **15400748**, and the grayscale version is **4868682**.

A 20% lighter version of the original color is **9331199**, and **196** is the 20% darker color. If you saturate the color by 10%, you get **2757631**, and if you desaturate by 10%, it is **5785343**.

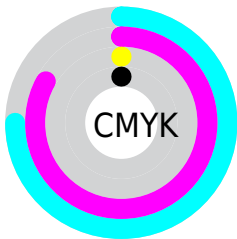
Distribution



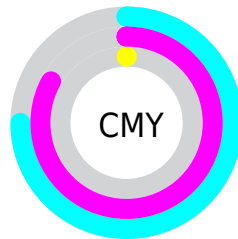
- Red (25%)
- Green (17%)
- Blue (100%)



- Red (25%)
- Yellow (17%)
- Blue (100%)



- Cyan (75%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4271359 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 4271359 by changing the saturation by 10% instead.

■ 4271359

■ 4271359

16777215

■ 3297

■ 9331199

■ 196

■ 11500799

■ 168

■ 13670399

■ 141

■ 15774719

■ 1906

■ 16764927

■ 3160

■ 16772351

■ 1856

■ 809

■ 275

■ 4271359

■ 4271359

■ 2757631

■ 5785343

■ 1638655

■ 7299071

■ 8813055

■ 10326783

■ 11840767

■ 13354495

■ 14868479

■ 16382207

16777215

Harmonies

Analogous

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



26879



4271359



13697198

Triad

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



4271359



11151872



30570

Complementary

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



4271359



15400748

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.



29952



4271359



6249728

Square

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



4271359



14614528



28416



31692

Rectangle

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



4271359



15597678



28416



30536

Sweetspot

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



4271359



13025279



2944511



6117760



0



8421504

Same Dimension

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



4271359



1836031



10956031



7631744



1245375



393280

Inverse Universe

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



16723178



16712678



8716076



8418174



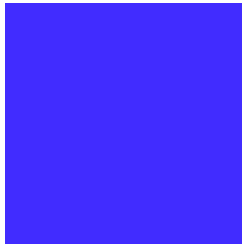
12517548



4194361

Previews

White Background



This preview shows how the Decimal color 4271359 looks on a white background.

Color Contrast Check

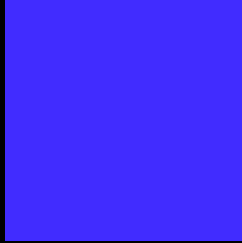
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 4271359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

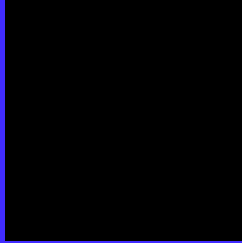
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 4271359 Background



This preview shows how black text looks on a background with the Decimal color 4271359.

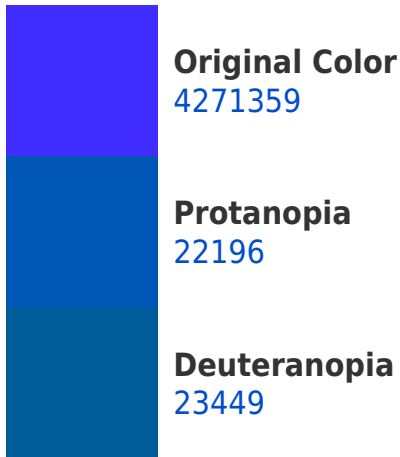


This preview shows how white text looks on a background with the Decimal color 4271359.

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
25448

Trichromacy



Original Color
4271359

Protanomaly
1591247

Deuteranomaly
1591998

Tritanomaly
1593247

Monochromacy



Original Color
4271359

Achromatopsia
4868682

Achromatomaly
4669324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4271359 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 #412CFF looks like.

```
.text, #text, p{  
  color:#412CFF  
}
```

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 #412CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #412CFF
}
```

Border

The CSS property to change the border of an element to Decimal 4271359 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
#412CFF }
```

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

```
.border{ border-color:#412CFF }
```

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

Here you see how a box with a 4 pixel #412CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #412CFF; -webkit-box-shadow:4px 4px  
4px 4px #412CFF; box-shadow:4px 4px 4px  
4px #412CFF }
```

Background

The CSS property to change the background color of an element to Decimal 4271359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#412CFF }
```

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

```
.background{ background-color:#412CFF }
```

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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