

Converting Colors

Decimal(4272306)

Have a look what the booklet for
Decimal(4272306) contains.

Decimal(4272306)	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(4272306)

Conversions

Conversions Part 1

Format	Color
Hex	4130B2
RGB	65, 48, 178
RGB Percent	25%, 19%, 70%
CMY	0.7451, 0.8118, 0.3020
CMYK	0.63, 0.73, 0.00, 0.30
HSL	248°, 58%, 44%
HSV	248°, 73%, 70%
XYZ	11.2728, 6.4521, 42.7707
YIQ	67.9030, -31.5980, 44.0340

Conversions

Conversions Part 2

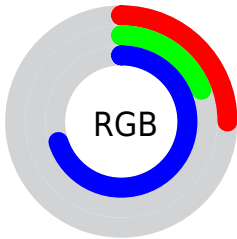
Format	Color
R _{YB}	65, 48, 178
Decimal	4272306
CIE Lab	30.53, 45.12, -66.26
CIE LCh	31, 80.161, 304.254
Yxy	6.4521, 0.1863, 0.1067
Android (android.graphics.Color)	4282462386 (0xFF4130B2)
YUV	67.9030, 54.2778, -2.5459
Hunter-Lab	25.4009, 34.7658, -82.0533

Details

The Decimal color **4272306** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **10596912**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **8282347**, and **636** is the 20% darker color. If you saturate the color by 10%, you get **3284658**, and if you desaturate by 10%, it is **5259954**.

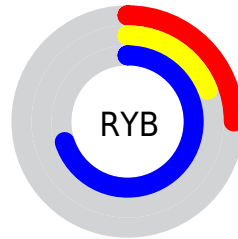
Distribution



Red (25%)

Green (19%)

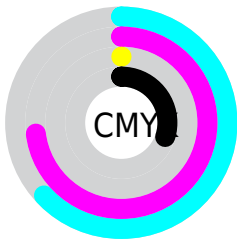
Blue (70%)



Red (25%)

Yellow (19%)

Blue (70%)

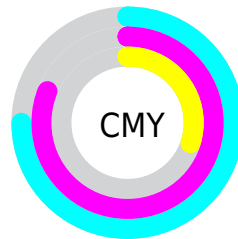


Cyan (63%)

Magenta (73%)

Yellow (0%)

Black (30%)



Cyan (75%)

Magenta (81%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4272306 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 4272306 by changing the saturation by 10% instead.

■ 4272306

■ 4272306

16777215

■ 1710487

■ 8282347

■ 636

■ 10189567

■ 98

■ 12162303

■ 1353

■ 14135295

■ 1074

■ 16108543

■ 284

■ 16771071

■ 0

■ 4272306

■ 4272306

■ 3284658

■ 5259954

■ 2231474

■ 6313138

■ 1507506

■ 7300530

■ 8353714

■ 9341362

■ 10394546

■ 11382194

■ 12435122

■ 13422770

Harmonies

Analogous

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



20681



4272306



9699456

Triad

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



4272306



8530944



24144

Complementary

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



4272306



10596912

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.



23556



4272306



5327104

Square

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



4272306



10682369



22016



24462

Rectangle

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



4272306



11075671



22016



23866

Sweetspot

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



4272306



12367336



3187634



5986165



16119285



7697781

Same Dimension

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



4272306



3611880



8401074



5328985



1310873



196634

Inverse Universe

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



11677857



15211725



6468144



5853272



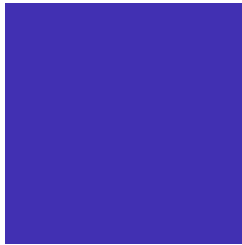
10027141



1703958

Previews

White Background



This preview shows how the Decimal color 4272306 looks on a white background.

Color Contrast Check

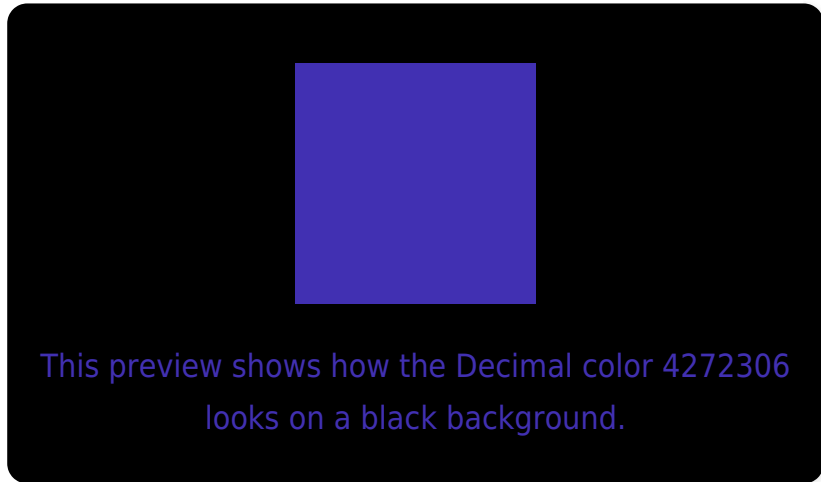
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

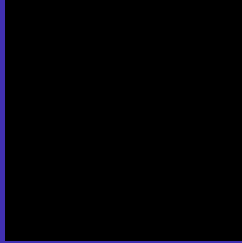
Any Text WCAG AA × Fail

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 4272306 Background



This preview shows how black text looks on a background with the Decimal color 4272306.



This preview shows how white text looks on a background with the Decimal color 4272306.

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



Original Color
4272306

Protanomaly
1588638

Deuteranomaly
1589648

Tritanomaly
1590391

Monochromacy



Original Color
4272306

Achromatopsia
4473924

Achromatomaly
4406636

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4272306 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 #4130B2 looks like.

```
.text, #text, p{  
    color:#4130B2  
}
```

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 #4130B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4130B2
}
```

Border

The CSS property to change the border of an element to Decimal 4272306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

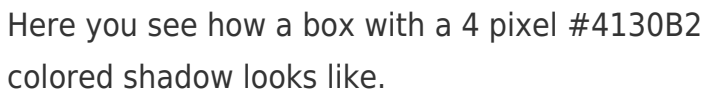
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4130B2 }
```

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

```
.border{ border-color:#4130B2 }
```

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



Here you see how a box with a 4 pixel #4130B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4130B2; -webkit-box-shadow:4px 4px  
4px 4px #4130B2; box-shadow:4px 4px 4px  
4px #4130B2 }
```

Background

The CSS property to change the background color of an element to Decimal 4272306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4130B2 }
```

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

```
.background{ background-color:#4130B2 }
```

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