

Converting Colors

Android(4278193364)

Have a look what the booklet for
Android(4278193364) contains.

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Color

Android(4278193364)

Conversions

Conversions Part 1

Format	Color
Hex	000CD4
RGB	0, 12, 212
RGB Percent	0%, 5%, 83%
CMY	1.0000, 0.9529, 0.1686
CMYK	1.00, 0.94, 0.00, 0.17
HSL	237°, 100%, 42%
HSV	237°, 100%, 83%
XYZ	12.0151, 5.0164, 62.6224
YIQ	31.2120, -71.3520, 59.6560

Conversions

Conversions Part 2

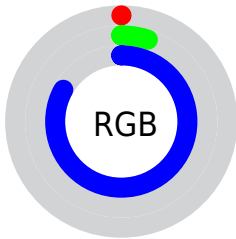
Format	Color
RYB	0, 11, 212
Decimal	3284
CIELab	26.78, 66.54, -92.56
CIELCh	27, 113.994, 305.709
Yxy	5.0164, 0.1508, 0.0630
Android (android.graphics.Color)	4278193364 (0xFF000CD4)
YUV	31.2120, 89.1285, -27.3729
Hunter-Lab	22.3973, 56.5616, -150.0951

Details

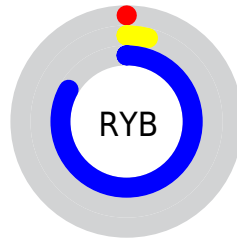
The Android color **4278193364** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **4292134912**, and the grayscale version is **4280163870**.

A 20% lighter version of the original color is **4285286143**, and **4278190235** is the 20% darker color. If you saturate the color by 10%, you get **4278193364**, and if you desaturate by 10%, it is **4279574740**.

Distribution



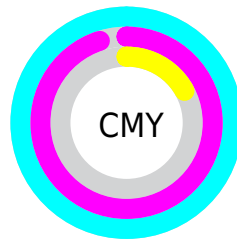
- Red (0%)
- Green (5%)
- Blue (83%)



- Red (0%)
- Yellow (4%)
- Blue (83%)



- Cyan (100%)
- Magenta (94%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (95%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193364 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 Android color 4278193364 by changing the saturation by 10% instead.

 4278193364

 4278193364

4294967295

 4278190263

 4285286143


 4278190235

 4287521023

 4278190208

 4289690367

 4278192742

 4291794687

 4278192717

 4293833215

 4278191413

 4294954751

 4278190623

 4294961919

 4278190082

 4278190080

 4278193364

 4279574740

 4280956116

 4282403028

 4283784404

 4285165780

 4286547156

 4287928532

 4289375444

 4290756820

Harmonies

Analogous

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



4278210296



4278193364



4289265802

Triad

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



4278193364



4286777856



4278212687

Complementary

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



4278193364



4292134912

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.



4278211840



4278193364



4282401536

Square

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



4278193364



4289855488



4278210816



4278213543

Rectangle

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



4278193364



4290904144



4278210816



4278212400

Sweetspot

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



4278193364



4289968127



4278244550



4283585664



4278190080



4286611584

Same Dimension

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



4278193364



4278193919



4284219604



4284506475



4278192811



4278190635

Inverse Universe

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



4292083724



4294901774



4286108672



4285227105



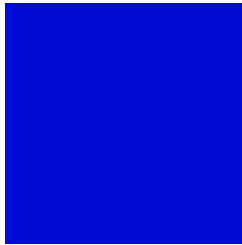
4289396746



4281008130

Previews

White Background



This preview shows how the Android color 4278193364 looks on a white background.

Color Contrast Check

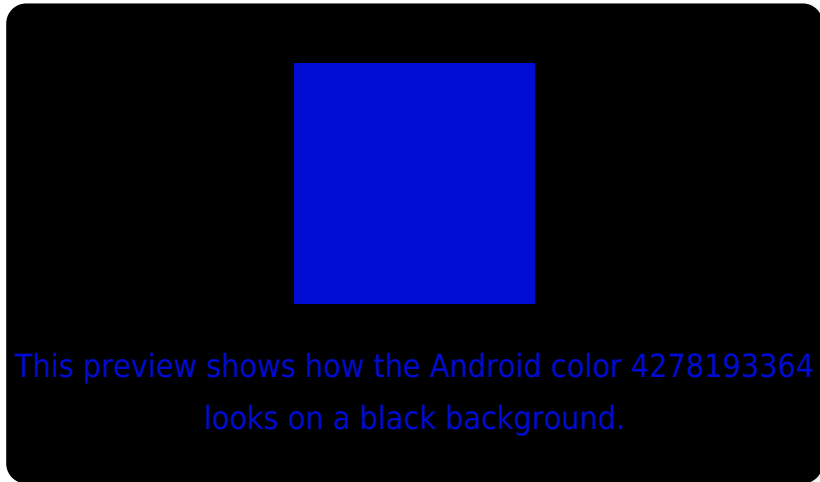
Large Text (above 18pt) WCAG AA ✓ Pass

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

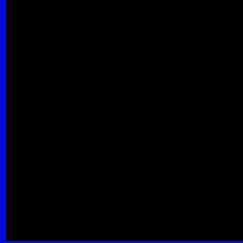
Any Text WCAG AA × Fail

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](#).

Android 4278193364 Background



This preview shows how black text looks on a background with the Android color 4278193364.



This preview shows how white text looks on a background with the Android color 4278193364.

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



Original Color

4278193364

Protanopia

4278206083

Deuteranopia

4278207343

Trichromacy



Original Color
4278193364

Protanomaly
4278201504

Deuteranomaly
4278202260

Tritanomaly
4278203005

Monochromacy



Original Color
4278193364

Achromatopsia
4280229663

Achromatomaly
4279507041

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193364 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 `rgb(0, 12, 212)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 212)  
}
```

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 rgb(0, 12, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 212) }
```

Border

The CSS property to change the border of an element to Android 4278193364 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 rgb(0, 12, 212) }
```

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

```
.border{ border-color:rgb(0, 12, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 212);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 212)  
}
```

Background

The CSS property to change the background color of an element to Android 4278193364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 212) }
```

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

```
.background{ background-color: rgb(0, 12,  
212) }
```

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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