

# Converting Colors

Android(4278193868)

Have a look what the booklet for  
Android(4278193868) contains.

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# Color

**Android(4278193868)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000ECC
RGB	0, 14, 204
RGB Percent	0%, 5%, 80%
CMY	1.0000, 0.9451, 0.2000
CMYK	1.00, 0.93, 0.00, 0.20
HSL	236°, 100%, 40%
HSV	236°, 100%, 80%
XYZ	11.0561, 4.6737, 57.4461
YIQ	31.4740, -69.3340, 56.1220

# Conversions

## Conversions Part 2

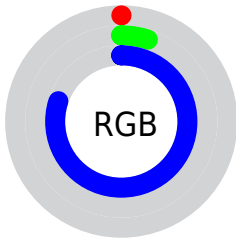
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 13, 204
Decimal	3788
CIELab	25.78, 63.97, -89.57
CIElCh	26, 110.066, 305.536
Yxy	4.6737, 0.1511, 0.0639
Android (android.graphics.Color)	4278193868 (0xFF000ECC)
YUV	31.4740, 85.0553, -27.6027
Hunter-Lab	21.6188, 53.4544, -142.4143

# Details

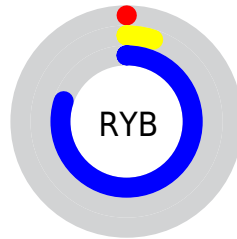
The Android color **4278193868** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **4291608064**, and the grayscale version is **4280229663**.

A 20% lighter version of the original color is **4285155071**, and **4278190228** is the 20% darker color. If you saturate the color by 10%, you get **4278193868**, and if you desaturate by 10%, it is **4279509452**.

# Distribution



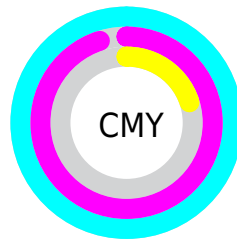
- Red (0%)
- Green (5%)
- Blue (80%)



- Red (0%)
- Yellow (5%)
- Blue (80%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (95%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278193868 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 4278193868 by changing the saturation by 10% instead.



 4278193868

 4278193868

4294967295

 4278190256

 4285155071

 4278190228

 4287324415

 4278190201

 4289428223

 4278193503

 4291532287

 4278192198

 4293636351

 4278191151

 4294954495

 4278190361

 4294961663

 4278190080

 4278193868

■ 4279509452

■ 4280890572

■ 4282206156

■ 4283587276

■ 4284902860

■ 4286218444

■ 4287599564

■ 4288915148

■ 4290296268

# Harmonies

## Analogous

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



4278209518



4278193868



4288807045

# Triad

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



4278193868



4286515712



4278211916

# Complementary

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



4278193868



4291608064

# 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.



4278211072



4278193868



4282269696

# Square

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



4278193868



4289462272



4278210048



4278212768

# Rectangle

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



4278193868



4290379854



4278210048



4278211630



# Sweetspot

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



4278193868



4289968383



4278242491



4283585920



4278190080



4286611584



# Same Dimension

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



4278193868



4278194687



4283760844



4284243302



4278193062



4278190886



# Inverse Universe

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



4291559438



4294901778



4286041088



4284898397



4289069067

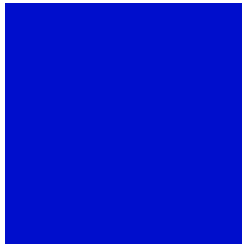


4280680451



# Previews

## White Background



This preview shows how the Android color 4278193868 looks on a white background.

## Color Contrast Check

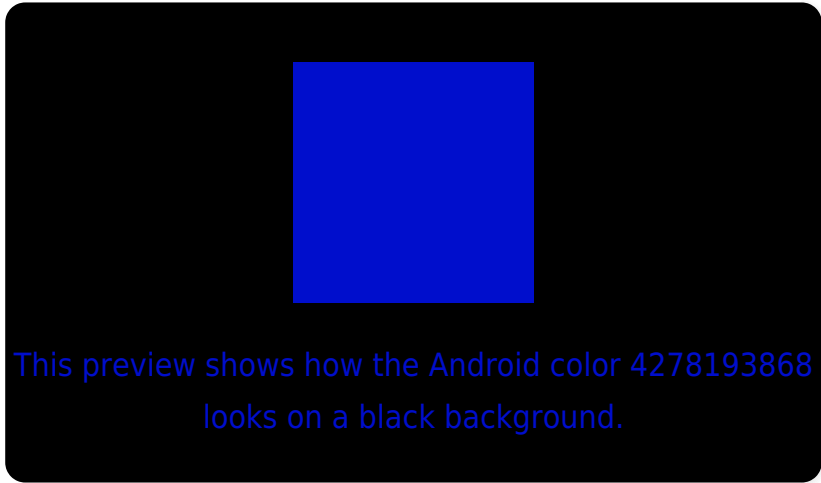
Large Text (above 18pt) WCAG AA ✓ Pass

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

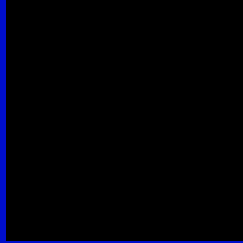
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278193868 Background



This preview shows how black text looks on a background with the Android color 4278193868.



This preview shows how white text looks on a background with the Android color 4278193868.

# 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**

4278193868

**Protanopia**

4278205566

**Deuteranopia**

4278206571



# Trichromacy



**Original Color**

4278193868

**Protanomaly**

4278201242

**Deuteranomaly**

4278201998

**Tritanomaly**

4278202744

# Monochromacy



**Original Color**

4278193868

**Achromatopsia**

4280229663

**Achromatomaly**

4279507294

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278193868 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, 14, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 14, 204)  
}
```

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, 14, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 14, 204) }
```

## Border

The CSS property to change the border of an element to Android 4278193868 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, 14, 204) }
```

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

```
.border{ border-color:rgb(0, 14, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 14, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 14, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 14, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 14, 204)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278193868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 14, 204) }
```

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

```
.background{ background-color: rgb(0, 14,  
204) }
```

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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