

# Converting Colors

Android(4278334908)

Have a look what the booklet for  
Android(4278334908) contains.

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# Color

**Android(4278334908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0235BC
RGB	2, 53, 188
RGB Percent	1%, 21%, 74%
CMY	0.9922, 0.7922, 0.2627
CMYK	0.99, 0.72, 0.00, 0.26
HSL	224°, 98%, 37%
HSV	224°, 99%, 74%
XYZ	10.3752, 6.1900, 48.2249
YIQ	53.1410, -73.7310, 31.1730

# Conversions

## Conversions Part 2

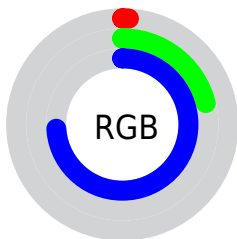
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	2, 42, 188
Decimal	144828
CIE Lab	29.89, 41.17, -73.34
CIE LCh	30, 84.104, 299.310
Yxy	6.1900, 0.1601, 0.0955
Android (android.graphics.Color)	4278334908 (0xFF0235BC)
YUV	53.1410, 66.4855, -44.8507
Hunter-Lab	24.8796, 30.8983, -97.5078

# Details

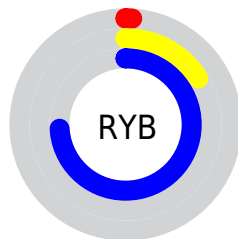
The Android color **4278334908** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **4290545922**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4284638453**, and **4278193541** is the 20% darker color. If you saturate the color by 10%, you get **4278203580**, and if you desaturate by 10%, it is **4279583676**.

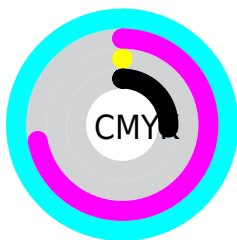
# Distribution



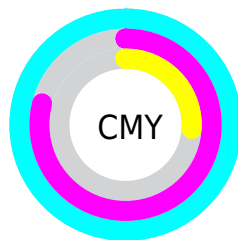
- Red (1%)
- Green (21%)
- Blue (74%)



- Red (1%)
- Yellow (16%)
- Blue (74%)



- Cyan (99%)
- Magenta (72%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (79%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278334908 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 4278334908 by changing the saturation by 10% instead.



 4278334908

 4278334908

4294967295

 4278198432

 4284638453

 4278193541

 4286742015

 4278190187

 4288780287

 4278192978

 4290753279

 4278191418

 4292791807

 4278190627

 4294830847

 4278190090

 4278190080

 4278334908

 4278334908

■ 4278203580

■ 4279583676

■ 4280832188

■ 4282015420

■ 4283264188

■ 4284512700

■ 4285761468

■ 4287010236

■ 4288193212

■ 4289441980

# Harmonies

## Analogous

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



4278211278



4278334908



4287430795

# Triad

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



4278334908



4287176448



4278213699

# Complementary

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



4278334908



4290545922

# 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.



4278213120



4278334908



4283974656

# Square

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



4278334908



4289200139



4278211584



4278214278

# Rectangle

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



4278334908



4289200225



4278211584



4278213676



# Sweetspot

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



4278334908



4289445877



4278369415



4283325050



4294638330



4286216826



# Same Dimension

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



4278334908



4278207477



4280943292



4283783262



4278201246



4278192159



# Inverse Universe

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



4290511413



4294246467



4287937538



4284372312



4288544811



4280221704



# Previews

## White Background



This preview shows how the Android color 4278334908 looks on a white background.

## Color Contrast Check

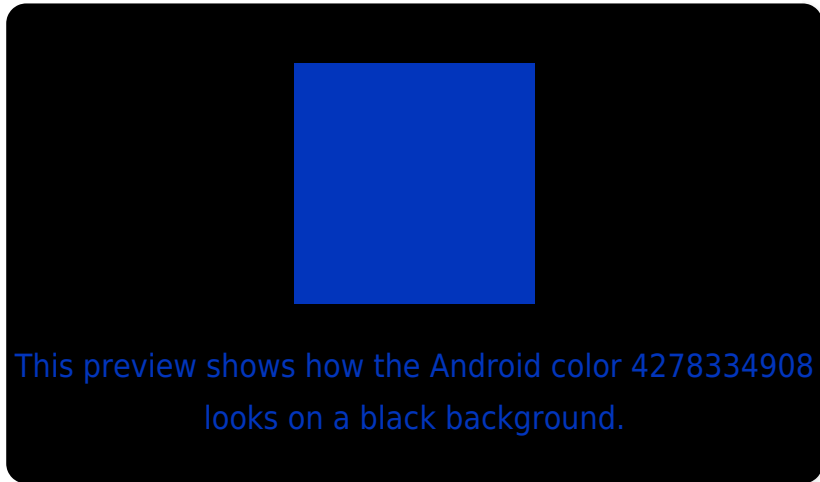
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278334908 Background



This preview shows how black text looks on a background with the Android color 4278334908.



This preview shows how white text looks on a background with the Android color 4278334908.

# 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**  
4278334908

**Deuteranomaly**  
4278272658

**Tritanomaly**  
4278273401

# Monochromacy



**Original Color**  
4278334908

**Achromatopsia**  
4281677109

**Achromatomaly**  
4280431974

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278334908 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(2, 53, 188)` looks like.

```
.text, #text, p{  
    color:rgb(2, 53, 188)  
}
```

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(2, 53, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 53, 188) }
```

## Border

The CSS property to change the border of an element to Android 4278334908 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(2, 53, 188) }
```

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

```
.border{ border-color:rgb(2, 53, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 53, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 53, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 53, 188);  
box-shadow:4px 4px 4px 4px rgb(2, 53, 188)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278334908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 53, 188) }
```

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

```
.background{ background-color: rgb(2, 53,  
188) }
```

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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