

# Converting Colors

Android(4278203316)

Have a look what the booklet for  
Android(4278203316) contains.

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# Color

**Android(4278203316)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0033B4
RGB	0, 51, 180
RGB Percent	0%, 20%, 71%
CMY	1.0000, 0.8000, 0.2941
CMYK	1.00, 0.72, 0.00, 0.29
HSL	223°, 100%, 35%
HSV	223°, 100%, 71%
XYZ	9.4220, 5.6629, 43.7765
YIQ	50.4570, -71.8050, 29.3070

# Conversions

## Conversions Part 2

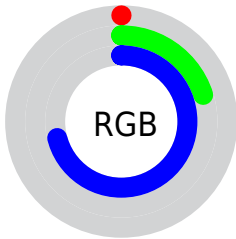
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 40, 180
Decimal	13236
CIELab	28.55, 39.40, -70.81
CIELCh	29, 81.032, 299.091
Yxy	5.6629, 0.1601, 0.0962
Android (android.graphics.Color)	4278203316 (0xFF0033B4)
YUV	50.4570, 63.8647, -44.2508
Hunter-Lab	23.7969, 29.0298, -92.4111

# Details

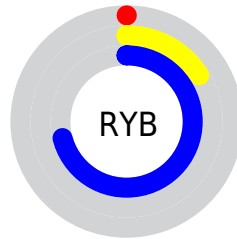
The Android color `4278203316` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4290019584`, and the grayscale version is `4281479730`.

A 20% lighter version of the original color is `4284441325`, and `4278193022` is the 20% darker color. If you saturate the color by 10%, you get `4278203316`, and if you desaturate by 10%, it is `4279386292`.

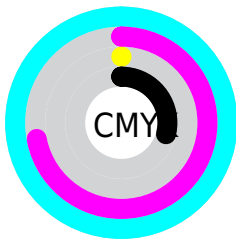
# Distribution



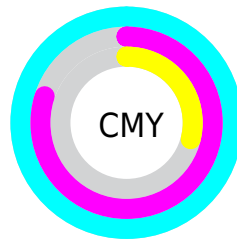
- Red (0%)
- Green (20%)
- Blue (71%)



- Red (0%)
- Yellow (16%)
- Blue (71%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (80%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278203316 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 4278203316 by changing the saturation by 10% instead.



 4278203316

 4278203316

4294967295

 4278197912

 4284441325

 4278193022

 4286544895

 4278190180

 4288517631

 4278192459

 4290490367

 4278191155

 4292529151

 4278190621

 4294567935

 4278190080

 4278203316

 4279386292

■ 4280569268

■ 4281752244

■ 4282935220

■ 4284118196

■ 4285300916

■ 4286483892

■ 4287666868

■ 4288849844

# Harmonies

## Analogous

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



4278210501



4278203316



4287037573

# Triad

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



4278203316



4286782720



4278212672

# Complementary

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



4278203316



4290019584

# 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.



4278212096



4278203316



428377280

# Square

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



4278203316



4288741387



4278341632



4278213248

# Rectangle

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



4278203316



4288675933



4278341632



4278212649



# Sweetspot

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



4278203316



4288985323



4278236289



4283127669



4294309365



4285887861



# Same Dimension

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



4278203316



4278207211



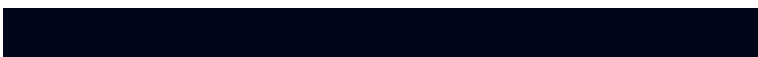
4280746164



4283454297



4278201241



4278191898



# Inverse Universe

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



4289986611



4293591106



4287476736



4284043347



4288217131



4279894023



# Previews

## White Background



This preview shows how the Android color 4278203316 looks on a white background.

## Color Contrast Check

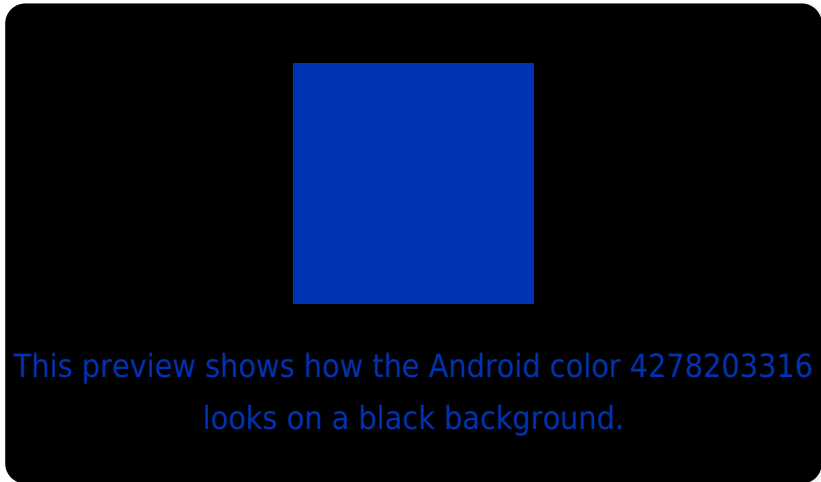
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278203316 Background



This preview shows how black text looks on a background with the Android color 4278203316.



This preview shows how white text looks on a background with the Android color 4278203316.

# 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**

4278203316

**Protanopia**

4278206858

**Deuteranopia**

4278208117



# Trichromacy



**Original Color**  
4278203316

**Protanomaly**  
4278205593

**Deuteranomaly**  
4278206348

**Tritanomaly**  
4278207092

# Monochromacy



**Original Color**  
4278203316

**Achromatopsia**  
4281479730

**Achromatomaly**  
4280300129

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278203316 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, 51, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 180)  
}
```

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, 51, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 180) }
```

## Border

The CSS property to change the border of an element to Android 4278203316 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, 51, 180) }
```

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

```
.border{ border-color:rgb(0, 51, 180) }
```

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

Here you see how a box with a 4 pixel rgb(0, 51, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 180)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278203316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 180) }
```

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

```
.background{ background-color: rgb(0, 51,  
180) }
```

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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