

# Converting Colors

Android(4278213300)

Have a look what the booklet for  
Android(4278213300) contains.

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# Color

**Android(4278213300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005AB4
RGB	0, 90, 180
RGB Percent	0%, 35%, 71%
CMY	1.0000, 0.6471, 0.2941
CMYK	1.00, 0.50, 0.00, 0.29
HSL	210°, 100%, 35%
HSV	210°, 100%, 71%
XYZ	11.8944, 10.6076, 44.6006
YIQ	73.3500, -82.5300, 8.9100

# Conversions

## Conversions Part 2

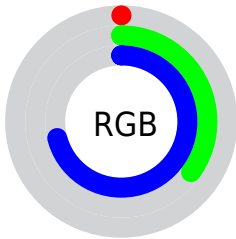
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 60, 180</a>
Decimal	<a href="#">23220</a>
CIELab	<a href="#">38.91, 13.41, -53.86</a>
CIELCh	<a href="#">39, 55.502, 283.979</a>
Yxy	<a href="#">10.6076, 0.1773, 0.1581</a>
Android (android.graphics.Color)	<a href="#">4278213300 (0xFF005AB4)</a>
YUV	<a href="#">73.3500, 52.5785, -64.3280</a>
Hunter-Lab	<a href="#">32.5693, 8.1922, -58.3934</a>

# Details

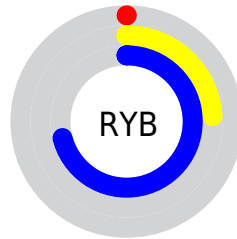
The Android color `4278213300` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290009600`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4284255213`, and `4278201982` is the 20% darker color. If you saturate the color by 10%, you get `4278213300`, and if you desaturate by 10%, it is `4279395252`.

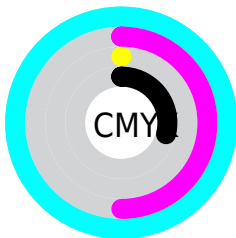
# Distribution



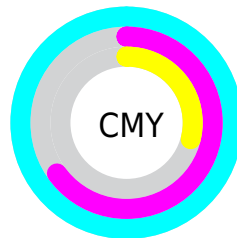
- Red (0%)
- Green (35%)
- Blue (71%)



- Red (0%)
- Yellow (24%)
- Blue (71%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (65%)
- Yellow (29%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278213300 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 4278213300 by changing the saturation by 10% instead.



 4278213300

 4278213300

4294967295

 4278207385

 4284255213

 4278201982

 4286293503

 4278197093

 4288266495

 4278190924

 4290239743

 4278191412

 4292213247

 4278190622

 4294180863

 4278190081

 4278190080

 4278213300

■ 4279395252

■ 4280577204

■ 4281759156

■ 4282941108

■ 4284123060

■ 4285305012

■ 4286486964

■ 4287668916

■ 4288850868

# Harmonies

## Analogous

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



4278216883



4278213300



4286006685

# Triad

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



4278213300



4288625438



4278218305

# Complementary

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



4278213300



4290009600

# 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.



4280576272



4278213300



4286796032

# Square

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



4278213300



4289407049



4284243968



4278218864

# Rectangle

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



4278213300



4287968644



4284243968



4278218033



# Sweetspot

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



4278213300



4288989163



4278236250



4283129973



4294309365



4285887861



# Same Dimension

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



4278213300



4278220267



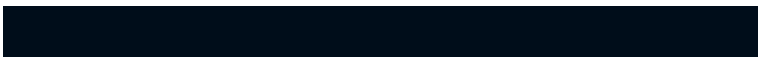
4278190260



4283454809



4278209945



4278193434



# Inverse Universe

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



4289986650



4293591157



4290032640



4284043349



4288217165



4279894029



# Previews

## White Background



This preview shows how the Android color 4278213300 looks on a white background.

### Color Contrast Check

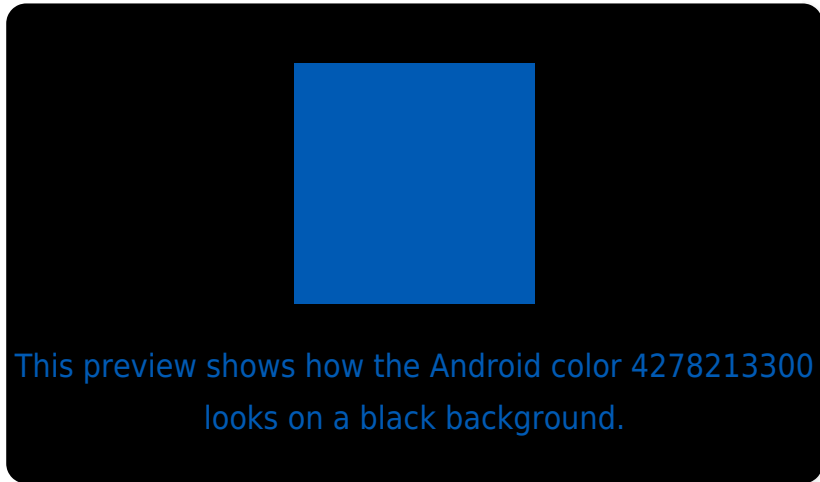
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213300 Background



This preview shows how black text looks on a background with the Android color 4278213300.



This preview shows how white text looks on a background with the Android color 4278213300.

# 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**  
4278213300

**Protanopia**  
4280637874

**Deuteranopia**  
4278214307



# Trichromacy



**Original Color**  
4278213300

**Protanomaly**  
4279785907

**Deuteranomaly**  
4278214057

**Tritanomaly**  
4278215302

# Monochromacy



**Original Color**  
4278213300

**Achromatopsia**  
4282992969

**Achromatomaly**  
4281225072

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278213300 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, 90, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 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, 90, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 180) }
```

## Border

The CSS property to change the border of an element to Android 4278213300 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, 90, 180) }
```

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

```
.border{ border-color:rgb(0, 90, 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, 90, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 180)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278213300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 180) }
```

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

```
.background{ background-color: rgb(0, 90,  
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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