

# Converting Colors

Android(4278209970)

Have a look what the booklet for  
Android(4278209970) contains.

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# Color

**Android(4278209970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004DB2
RGB	0, 77, 178
RGB Percent	0%, 30%, 70%
CMY	1.0000, 0.6980, 0.3020
CMYK	1.00, 0.57, 0.00, 0.30
HSL	214°, 100%, 35%
HSV	214°, 100%, 70%
XYZ	10.6898, 8.5221, 43.2010
YIQ	65.4910, -78.3130, 15.0870

# Conversions

## Conversions Part 2

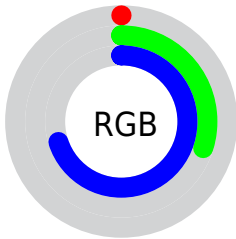
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 54, 178
Decimal	19890
CIELab	35.05, 21.32, -58.95
CIELCh	35, 62.686, 289.881
Yxy	8.5221, 0.1713, 0.1365
Android (android.graphics.Color)	4278209970 (0xFF004DB2)
YUV	65.4910, 55.4669, -57.4356
Hunter-Lab	29.1926, 14.2760, -67.3060

# Details

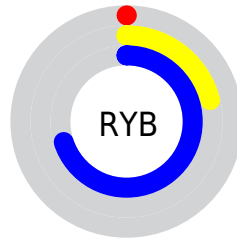
The Android color `4278209970` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289881344`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4284251627`, and `4278199164` is the 20% darker color. If you saturate the color by 10%, you get `4278209970`, and if you desaturate by 10%, it is `4279392178`.

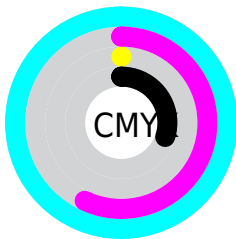
# Distribution



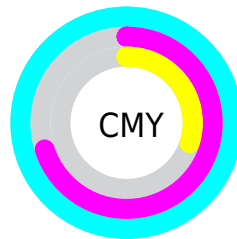
- Red (0%)
- Green (30%)
- Blue (70%)



- Red (0%)
- Yellow (21%)
- Blue (70%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (70%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278209970 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 4278209970 by changing the saturation by 10% instead.



 4278209970

 4278209970

4294967295

 4278204311

 4284251627

 4278199164

 4286289919

 4278194275

 4288262655

 4278192458

 4290235903

 4278191154

 4292209151

 4278190620

 4294180863

 4278190080

 4278209970

 4279392178

■ 4280574386

■ 4281691058

■ 4282873266

■ 4284055730

■ 4285237938

■ 4286420146

■ 4287536818

■ 4288719026

# Harmonies

## Analogous

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



4278214326



4278209970



4286263444

# Triad

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



4278209970



4287967232



4278216255

# Complementary

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



4278209970



4289881344

# 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.



4278215169



4278209970



4285745664

# Square

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



4278209970



4289135924



4282800640



4278216563

# Rectangle

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



4278209970



4288157046



4282800640



4278215981



# Sweetspot

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



4278209970



4288856552



4278235749



4283129205



4294309365



4285887861



# Same Dimension

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



4278209970



4278215912



4278976690



4283454553



4278207129



4278192922



# Inverse Universe

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



4289855565



4293394532



4289114624



4284043348



4288217154



4279894027



# Previews

## White Background



This preview shows how the Android color 4278209970 looks on a white background.

## Color Contrast Check

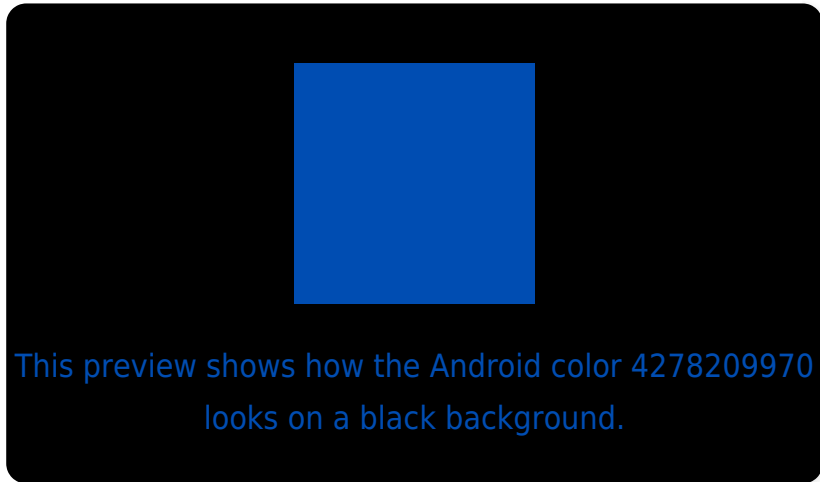
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209970 Background



This preview shows how black text looks on a background with the Android color 4278209970.



This preview shows how white text looks on a background with the Android color 4278209970.

# 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**

4278209970

**Protanopia**

4278210473

**Deuteranopia**

4278211985



# Trichromacy



**Original Color**  
4278209970

**Protanomaly**  
4278210220

**Deuteranomaly**  
4278211229

**Tritanomaly**  
4278212478

# Monochromacy



**Original Color**  
4278209970

**Achromatopsia**  
4282466625

**Achromatomaly**  
4280894826

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278209970 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, 77, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 178)  
}
```

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, 77, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 178) }
```

## Border

The CSS property to change the border of an element to Android 4278209970 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, 77, 178) }
```

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

```
.border{ border-color:rgb(0, 77, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 178)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278209970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 178) }
```

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

```
.background{ background-color: rgb(0, 77,  
178) }
```

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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