

# Converting Colors

Android(4278223290)

Have a look what the booklet for  
Android(4278223290) contains.

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# Color

**Android(4278223290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0081BA
RGB	0, 129, 186
RGB Percent	0%, 51%, 73%
CMY	1.0000, 0.4941, 0.2706
CMYK	1.00, 0.31, 0.00, 0.27
HSL	198°, 100%, 36%
HSV	198°, 100%, 73%
XYZ	16.7132, 19.2457, 49.2883
YIQ	96.9270, -95.1810, -9.6210

# Conversions

## Conversions Part 2

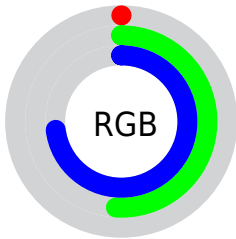
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 76, 186
Decimal	33210
CIELab	50.97, -8.56, -38.09
CIElCh	51, 39.043, 257.337
Yxy	19.2457, 0.1961, 0.2258
Android (android.graphics.Color)	4278223290 (0xFF0081BA)
YUV	96.9270, 43.9130, -85.0050
Hunter-Lab	43.8699, -8.7689, -35.9040

# Details

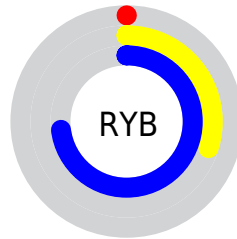
The Android color `4278223290` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290394368`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284397298`, and `4278210692` is the 20% darker color. If you saturate the color by 10%, you get `4278223290`, and if you desaturate by 10%, it is `4279470010`.

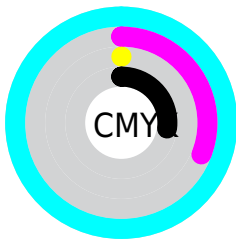
# Distribution



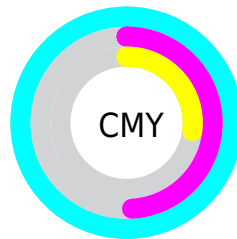
- Red (0%)
- Green (51%)
- Blue (73%)



- Red (0%)
- Yellow (30%)
- Blue (73%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278223290 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 4278223290 by changing the saturation by 10% instead.



 4278223290

 4278223290

4294967295

 4278216863

 4284397298

 4278210692

 4286435839

 4278204779

 4288474623

 4278199378

 4290445311

 4278193211

 4292411391

 4278190629

 4294377471

 4278190349

 4278190080

 4278223290

■ 4279470010

■ 4280650938

■ 4281897658

■ 4283078842

■ 4284325306

■ 4285572026

■ 4286753210

■ 4287999930

■ 4289180858

# Harmonies

## Analogous

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



4278225066



4278223290



4284839609

# Triad

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



4278223290



4290272871



4283729227

# Complementary

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



4278223290



4290394368

# 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.



4286217783



4278223290



4289685066

# Square

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



4278223290



4289748873



4288246583



4279798122

# Rectangle

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



4278223290



4287065519



4288246583



4284646210



# Sweetspot

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



4278223290



4289387762



4278237752



4283329914



4294638330



4286216826



# Same Dimension

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



4278223290



4278233330



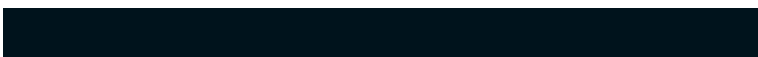
4278199738



4283652444



4278217884



4278194972



# Inverse Universe

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



4290379905



4294049960



4290417920



4284240729



4288413804



4280025107



# Previews

## White Background



This preview shows how the Android color 4278223290 looks on a white background.

## Color Contrast Check

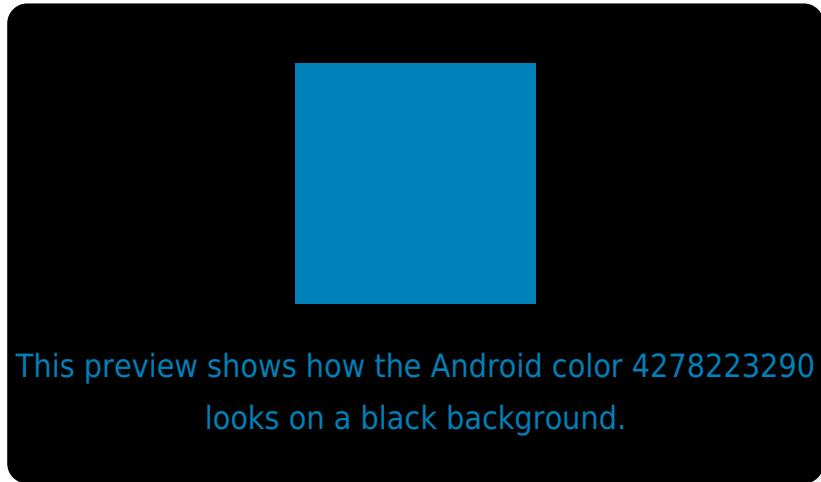
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

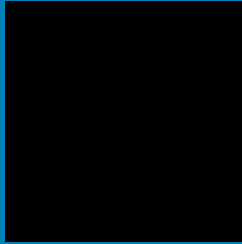
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278223290 Background



This preview shows how black text looks on a background with the Android color 4278223290.



This preview shows how white text looks on a background with the Android color 4278223290.

# 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**  
4278223290

**Protanomaly**  
4282416053

**Deuteranomaly**  
4281826491

**Tritanomaly**  
4278224287

# Monochromacy



**Original Color**  
4278223290

**Achromatopsia**  
4284572001

**Achromatomaly**  
4282281345

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278223290 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, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 129, 186)  
}
```

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, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 129, 186) }
```

## Border

The CSS property to change the border of an element to Android 4278223290 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, 129, 186) }
```

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

```
.border{ border-color:rgb(0, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 129,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4278223290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 129, 186) }
```

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

```
.background{ background-color: rgb(0, 129,  
186) }
```

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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