

# Converting Colors

Android(4278224829)

Have a look what the booklet for  
Android(4278224829) contains.

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# Color

**Android(4278224829)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0087BD
RGB	0, 135, 189
RGB Percent	0%, 53%, 74%
CMY	1.0000, 0.4706, 0.2588
CMYK	1.00, 0.29, 0.00, 0.26
HSL	197°, 100%, 37%
HSV	197°, 100%, 74%
XYZ	17.8493, 21.0021, 51.2572
YIQ	100.7910, -97.7940, -11.8260

# Conversions

## Conversions Part 2

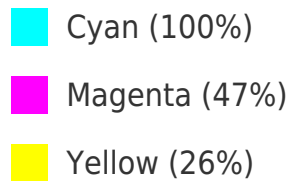
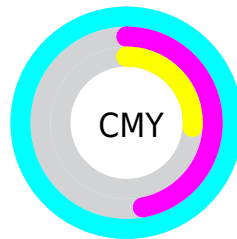
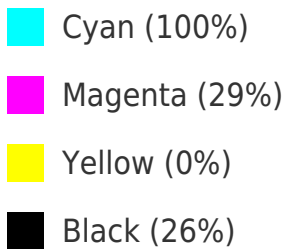
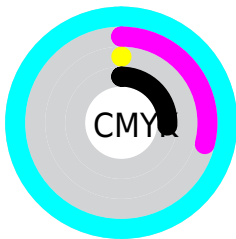
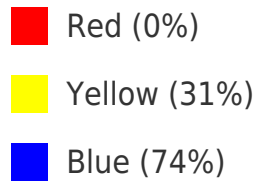
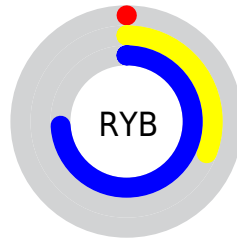
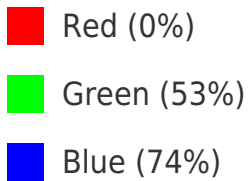
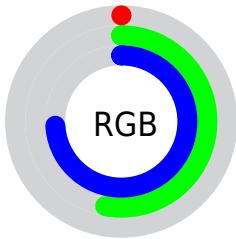
Format	Color
<a href="#">RYB</a>	<a href="#">0, 79, 189</a>
Decimal	<a href="#">34749</a>
CIELab	<a href="#">52.95, -10.88, -36.70</a>
CIELCh	<a href="#">53, 38.279, 253.491</a>
Yxy	<a href="#">21.0021, 0.1981, 0.2331</a>
Android (android.graphics.Color)	<a href="#">4278224829</a> (0xFF0087BD)
YUV	<a href="#">100.7910, 43.4870, -88.3937</a>
Hunter-Lab	<a href="#">45.8280, -10.6761, -34.2343</a>

# Details

The Android color `4278224829` is a dark color, and the websafe version is hex `3399CC`, and the color name is `blue (ncs)`. A complement of this color would be `4290590208`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4284464374`, and `4278212231` is the 20% darker color. If you saturate the color by 10%, you get `4278224829`, and if you desaturate by 10%, it is `4279471293`.

# Distribution




















# Brightness & Saturation Gradients

These gradients show how the Android color 4278224829 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 4278224829 by changing the saturation by 10% instead.




 4278224829	 4278224829
 4294967295	 4278218402
 4284464374	 4278212231
 4286568703	 4278206062
 4288541951	 4278200661
 4290510847	 4278195517
 4292476927	 4278190887
 4294508543	 4278190353
	 4278190080

 4278224829

 4279471293

 4280718013

 4281964477

 4283211197

 4284457661

 4285638589

 4286885309

 4288131773

 4289378493

# Harmonies

## Analogous

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



4278226347



4278224829



4284710334

# Triad

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



4278224829



4290601841



4284451149

# Complementary

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



4278224829



4290590208

# 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.



4286873916



4278224829



4290145107

# Square

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



4278224829



4289881746



4288837183



4281241195

# Rectangle

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



4278224829



4287001781



4288837183



4285302598



# Sweetspot

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



4278224829



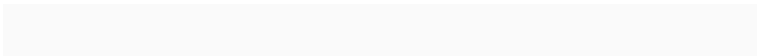
4289454325



4278238518



4283330170



4294638330



4286216826



# Same Dimension

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



4278224829



4278235125



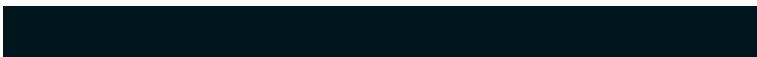
4278200765



4283784286



4278219166



4278195743



# Inverse Universe

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



4290576519



4294246575



4290614272



4284372316



4288544881



4280221718



# Previews

## White Background



This preview shows how the Android color 4278224829 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



This preview shows how the Android color 4278224829 looks on a 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 4278224829 Background



This preview shows how black text looks on a background with the Android color 4278224829.

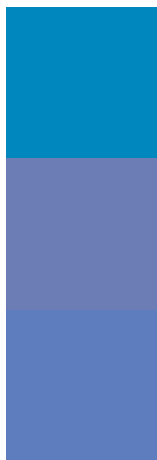


This preview shows how white text looks on a background with the Android color 4278224829.

# 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**

4278224829

**Protanopia**

4285299892

**Deuteranopia**

4284382655



**Tritanopia**  
4278226070

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278224829 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, 135, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 189)  
}
```

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, 135, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 189) }
```

## Border

The CSS property to change the border of an element to Android 4278224829 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, 135, 189) }
```

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

```
.border{ border-color:rgb(0, 135, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 135, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
189) }
```

# Background

The CSS property to change the background color of an element to Android 4278224829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 135, 189) }
```

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

```
.background{ background-color:rgb(0, 135,  
189) }
```

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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