

# Converting Colors

Android(4278225400)

Have a look what the booklet for  
Android(4278225400) contains.

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# Color

**Android(4278225400)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0089F8
RGB	0, 137, 248
RGB Percent	0%, 54%, 97%
CMY	1.0000, 0.4627, 0.0275
CMYK	1.00, 0.45, 0.00, 0.03
HSL	207°, 100%, 49%
HSV	207°, 100%, 97%
XYZ	25.8889, 24.6686, 92.2040
YIQ	108.6910, -117.2830, 5.4770

# Conversions

## Conversions Part 2

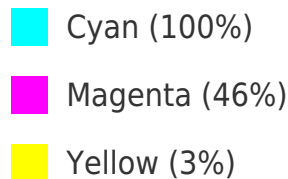
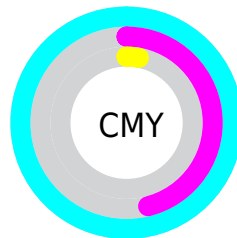
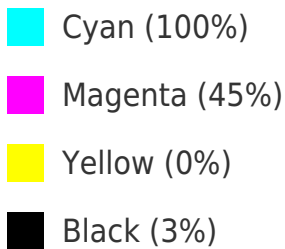
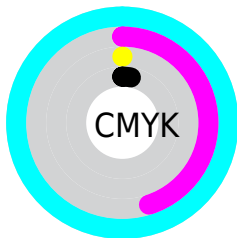
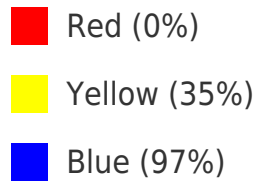
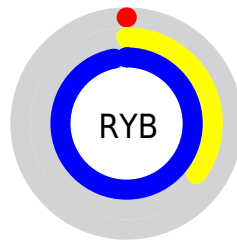
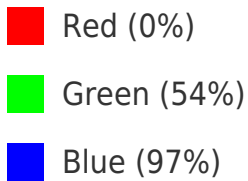
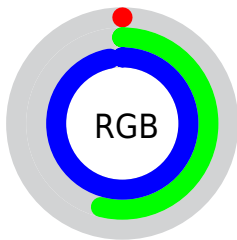
Format	Color
<a href="#">RYB</a>	<a href="#">0, 88, 248</a>
Decimal	<a href="#">35320</a>
CIELab	<a href="#">56.75, 10.53, -63.78</a>
CIELCh	<a href="#">57, 64.647, 279.374</a>
Yxy	<a href="#">24.6686, 0.1813, 0.1728</a>
Android (android.graphics.Color)	<a href="#">4278225400</a> (0xFF0089F8)
YUV	<a href="#">108.6910, 68.6793, -95.3220</a>
Hunter-Lab	<a href="#">49.6675, 6.1240, -75.3001</a>

# Details

The Android color `4278225400` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark saturated azure. A complement of this color would be `4294471424`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4285447935`, and `4278212799` is the 20% darker color. If you saturate the color by 10%, you get `4278225400`, and if you desaturate by 10%, it is `4279866616`.

# Distribution




















# Brightness & Saturation Gradients

These gradients show how the Android color 4278225400 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 4278225400 by changing the saturation by 10% instead.



 4278225400	 4278225400
 4294967295	 4278218971
 4285447935	 4278212799
 4287683071	 4278207139
 4289787647	 4278201736
 4291887103	 4278197102
 4293984255	 4278193237
	 4278191677
	 4278190886
	 4278190351

 4278225400

 4279866616

 4281507832


 4283083512

 4284724728

 4286365944

 4288007416

 4289648632

 4291224312

 4292865528

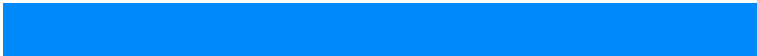
# Harmonies

## Analogous

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



4278229490



4278225400



4288704992

# Triad

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



4278225400



4293025347



4278231134

# Complementary

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



4278225400



4294471424

# 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.



4283799591



4278225400



4290934544

# Square

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



4278225400



4293676665



4287859456



4278231705

# Rectangle

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



4278225400



4291452866



4287859456



4278230603

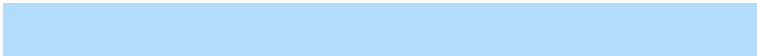


# Sweetspot

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



4278225400



4289977855



4278253675



4283591552



4278190080



4286611584

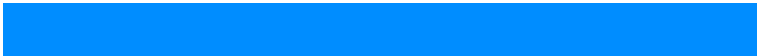


# Same Dimension

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



4278225400



4278226431



4278194680



4285560701



4278216893



4278198845



# Inverse Universe

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



4294443145



4294901901



4294502144



4286410871



4290576488



4282187810



# Previews

## White Background



This preview shows how the Android color 4278225400 looks on a white background.

## Color Contrast Check

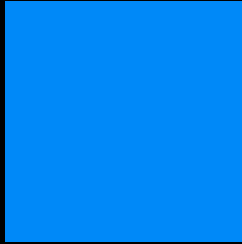
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278225400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

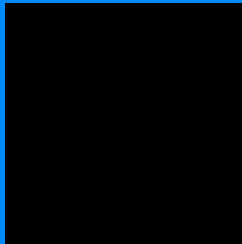
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

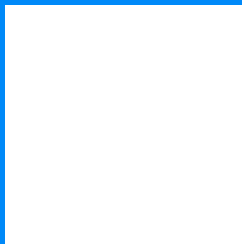
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Android 4278225400 Background



This preview shows how black text looks on a background with the Android color 4278225400.



This preview shows how white text looks on a background with the Android color 4278225400.

# 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**

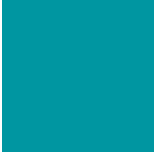
4278225400

**Protanopia**

4283598067

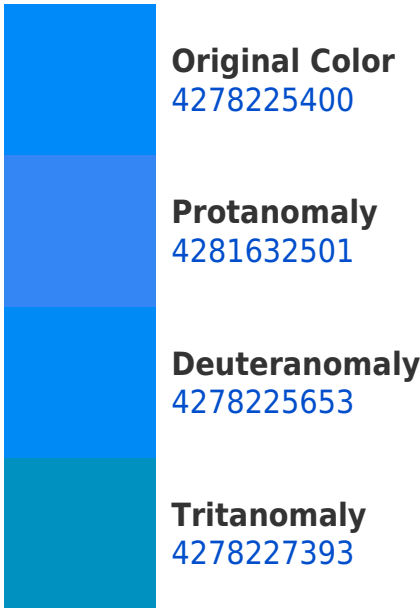
**Deuteranopia**

4278225652



**Tritanopia**  
4278228641

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278225400 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, 137, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 248)  
}
```

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, 137, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 248) }
```

## Border

The CSS property to change the border of an element to Android 4278225400 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, 137, 248) }
```

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

```
.border{ border-color:rgb(0, 137, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
248) }
```

# Background

The CSS property to change the background color of an element to Android 4278225400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 248) }
```

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

```
.background{ background-color: rgb(0, 137,  
248) }
```

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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