

Converting Colors

Android(4278225104)

Have a look what the booklet for
Android(4278225104) contains.

Android(4278225104)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Android(4278225104)

Conversions

Conversions Part 1

Format	Color
Hex	0088D0
RGB	0, 136, 208
RGB Percent	0%, 53%, 82%
CMY	1.0000, 0.4667, 0.1843
CMYK	1.00, 0.35, 0.00, 0.18
HSL	201°, 100%, 41%
HSV	201°, 100%, 82%
XYZ	20.1893, 22.1624, 62.8882
YIQ	103.5440, -104.1680, -6.4400

Conversions

Conversions Part 2

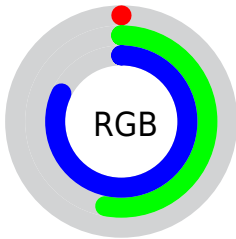
Format	Color
RYB	0, 82, 208
Decimal	35024
CIELab	54.20, -4.25, -45.53
CIELCh	54, 45.724, 264.666
Yxy	22.1624, 0.1918, 0.2106
Android (android.graphics.Color)	4278225104 (0xFF0088D0)
YUV	103.5440, 51.4968, -90.8081
Hunter-Lab	47.0769, -5.8335, -46.2493

Details

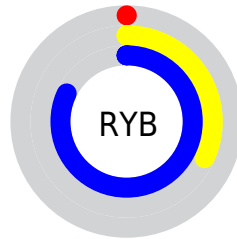
The Android color `4278225104` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291840000`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284792319`, and `4278212505` is the 20% darker color. If you saturate the color by 10%, you get `4278225104`, and if you desaturate by 10%, it is `4279603152`.

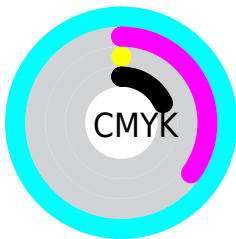
Distribution



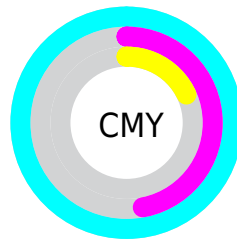
- Red (0%)
- Green (53%)
- Blue (82%)



- Red (0%)
- Yellow (32%)
- Blue (82%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278225104 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 4278225104 by changing the saturation by 10% instead.

 4278225104

 4278225104

4294967295

 4278218676

 4284792319

 4278212505

 4286896639

 4278206591

 4288935423

 4278200933

 4290969599

 4278196045

 4292935679

 4278191413

 4278190623

 4278190083

 4278190080

■ 4278225104

■ 4279603152

■ 4280981200

■ 4282293968

■ 4283672016

■ 4285050064

■ 4286428112

■ 4287806160

■ 4289118928

■ 4290496976

Harmonies

Analogous

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



4278227393



4278225104



4286085833

Triad

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



4278225104



4291453539



4282814802

Complementary

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



4278225104



4291840000

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.



4286089526



4278225104



4290473538

Square

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



4278225104



4291190922



4288576815



4278228345

Rectangle

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



4278225104



4288507834



4288576815



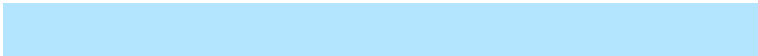
4284059463

Sweetspot

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



4278225104



4289979903



4278243397



4283592832



4278190080



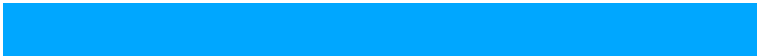
4286611584

Same Dimension

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



4278225104



4278233087



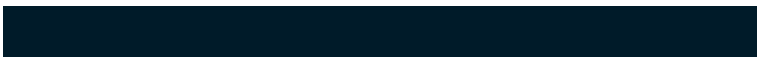
4278199248



4284376425



4278218408



4278197033

Inverse Universe

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



4291821704



4294901927



4291865856



4285095525



4289200238



4280877083

Previews

White Background



This preview shows how the Android color 4278225104 looks on a white background.

Color Contrast Check

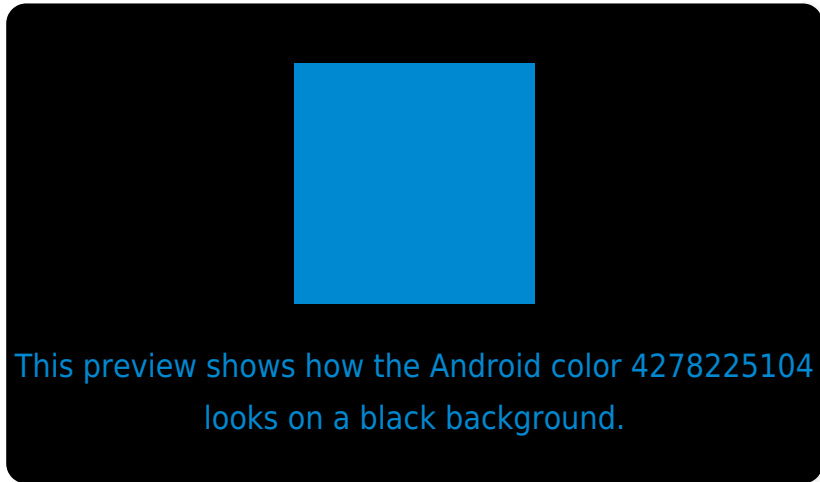
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278225104 Background



This preview shows how black text looks on a background with the Android color 4278225104.



This preview shows how white text looks on a background with the Android color 4278225104.

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
4278225104

Protanomaly
4282483403

Deuteranomaly
4281566417

Monochromacy



Original Color
4278225104

Achromatopsia
4285032552

Achromatomaly
4282545294

CSS Examples

Text

The CSS property to change the color of the text to Android 4278225104 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, 136, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 208)  
}
```

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, 136, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 208) }
```

Border

The CSS property to change the border of an element to Android 4278225104 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, 136, 208) }
```

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

```
.border{ border-color:rgb(0, 136, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 136, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4278225104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 208) }
```

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

```
.background{ background-color: rgb(0, 136,  
208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor