

Converting Colors

Android(4278225356)

Have a look what the booklet for
Android(4278225356) contains.

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Color

Android(4278225356)

Conversions

Conversions Part 1

Format	Color
Hex	0089CC
RGB	0, 137, 204
RGB Percent	0%, 54%, 80%
CMY	1.0000, 0.4627, 0.2000
CMYK	1.00, 0.33, 0.00, 0.20
HSL	200°, 100%, 40%
HSV	200°, 100%, 80%
XYZ	19.8447, 22.2510, 60.3757
YIQ	103.6750, -103.1590, -8.2070

Conversions

Conversions Part 2

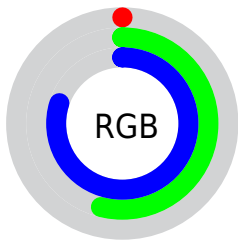
Format	Color
RYB	0, 82, 204
Decimal	35276
CIELab	54.29, -6.36, -43.12
CIELCh	54, 43.583, 261.609
Yxy	22.2510, 0.1937, 0.2171
Android (android.graphics.Color)	4278225356 (0xFF0089CC)
YUV	103.6750, 49.4602, -90.9230
Hunter-Lab	47.1709, -7.4544, -42.8677

Details

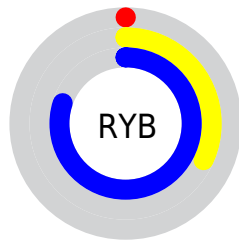
The Android color `4278225356` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291576576`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4284727039`, and `4278212757` is the 20% darker color. If you saturate the color by 10%, you get `4278225356`, and if you desaturate by 10%, it is `4279537868`.

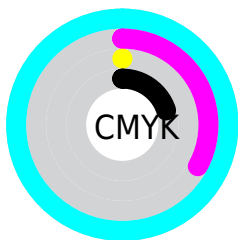
Distribution



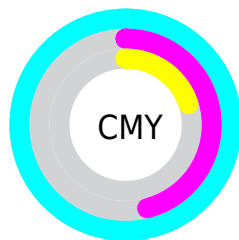
- Red (0%)
- Green (54%)
- Blue (80%)



- Red (0%)
- Yellow (32%)
- Blue (80%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278225356 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 4278225356 by changing the saturation by 10% instead.

 4278225356

 4278225356

4294967295

 4278218928

 4284727039

 4278212757

 4286831359

 4278206843

 4288870143

 4278201186

 4290838527

 4278196042

 4292870143

 4278191154

4294901759

 4278190620

 4278190080

 4278225356

■ 4279537868

■ 4280915660

■ 4282228172

■ 4283606220

■ 4284918732

■ 4286230988

■ 4287609036

■ 4288921548

■ 4290299340

Harmonies

Analogous

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



4278227388



4278225356



4285758664

Triad

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



4278225356



4291322728



4283469905

Complementary

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



4278225356



4291576576

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.



4286416952



4278225356



4290473544

Square

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



4278225356



4290929550



4288773173



4278228086

Rectangle

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



4278225356



4288180922



4288773173



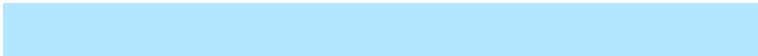
4284517959

Sweetspot

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



4278225356



4289980159



4278242369



4283592832



4278190080



4286611584

Same Dimension

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



4278225356



4278234111



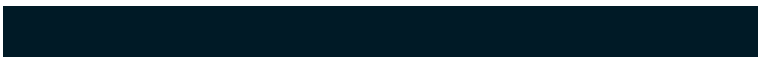
4278199756



4284244838



4278218662



4278196774

Inverse Universe

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



4291559561



4294901931



4291602176



4284898403



4289069167



4280680474

Previews

White Background



This preview shows how the Android color 4278225356 looks on a white background.

Color Contrast Check

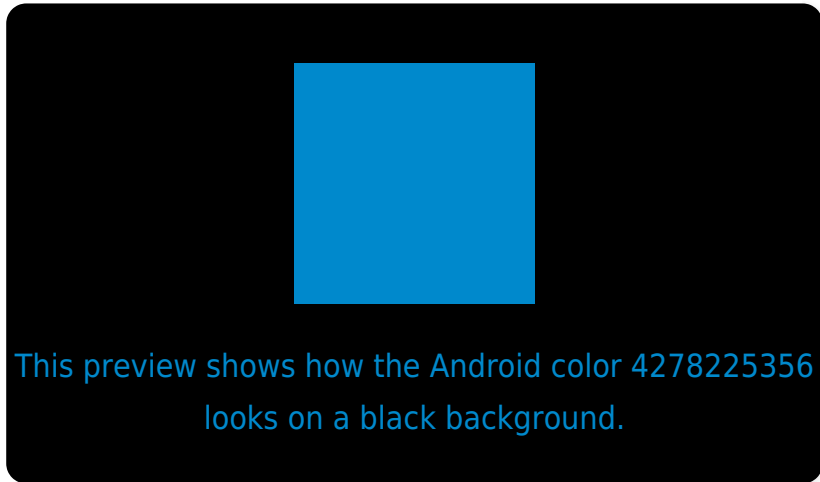
Large Text (above 18pt) WCAG AA ✓ Pass

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

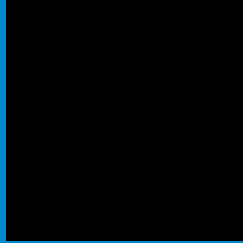
Any Text WCAG AA ✓ Pass

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 4278225356 Background



This preview shows how black text looks on a background with the Android color 4278225356.



This preview shows how white text looks on a background with the Android color 4278225356.

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
4278225356

Protanomaly
4282614726

Deuteranomaly
4281828557

Tritanomaly
4278226348

Monochromacy



Original Color
4278225356

Achromatopsia
4285032552

Achromatomaly
4282545292

CSS Examples

Text

The CSS property to change the color of the text to Android 4278225356 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 204) }
```

Border

The CSS property to change the border of an element to Android 4278225356 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, 204) }
```

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

```
.border{ border-color:rgb(0, 137, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4278225356 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, 204) }
```

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

```
.background{ background-color: rgb(0, 137,  
204) }
```

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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