

Converting Colors

Android(4278224580)

Have a look what the booklet for
Android(4278224580) contains.

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Color

Android(4278224580)

Conversions

Conversions Part 1

Format	Color
Hex	0086C4
RGB	0, 134, 196
RGB Percent	0%, 53%, 77%
CMY	1.0000, 0.4745, 0.2314
CMYK	1.00, 0.32, 0.00, 0.23
HSL	199°, 100%, 38%
HSV	199°, 100%, 77%
XYZ	18.4889, 21.0357, 55.3104
YIQ	101.0020, -99.7660, -9.1260

Conversions

Conversions Part 2

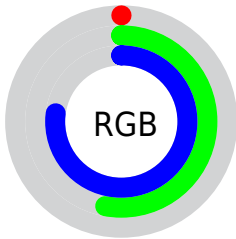
Format	Color
RYB	0, 80, 196
Decimal	34500
CIELab	52.99, -7.66, -40.63
CIElCh	53, 41.349, 259.330
Yxy	21.0357, 0.1950, 0.2218
Android (android.graphics.Color)	4278224580 (0xFF0086C4)
YUV	101.0020, 46.8340, -88.5788
Hunter-Lab	45.8647, -8.3066, -39.3953

Details

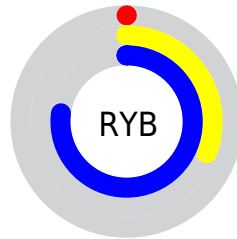
The Android color `4278224580` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4291051008`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4284595197`, and `4278211982` is the 20% darker color. If you saturate the color by 10%, you get `4278224580`, and if you desaturate by 10%, it is `4279536836`.

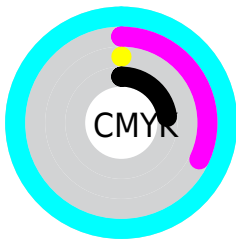
Distribution



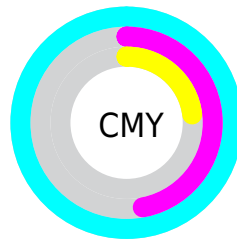
- Red (0%)
- Green (53%)
- Blue (77%)



- Red (0%)
- Yellow (31%)
- Blue (77%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224580 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 4278224580 by changing the saturation by 10% instead.

 4278224580

 4278224580

4294967295

 4278218153

 4284595197

 4278211982

 4286633983

 4278206068

 4288672767

 4278200411

 4290641919

 4278195267

 4292673535

 4278190892

 4294639615

 4278190359

 4278190080

 4278224580

■ 4279536836

■ 4280783556

■ 4282096068

■ 4283342788

■ 4284655044

■ 4285967300

■ 4287214020

■ 4288526532

■ 4289773252

Harmonies

Analogous

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



4278226356



4278224580



4285299394

Triad

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



4278224580



4290863465



4283731022

Complementary

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



4278224580



4291051008

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.



4286415928



4278224580



4290210634

Square

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



4278224580



4290405005



4288575543



4278227056

Rectangle

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



4278224580



4287656374



4288575543



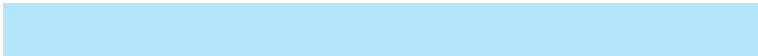
4284647749

Sweetspot

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



4278224580



4289980415



4278240315



4283593088



4278190080



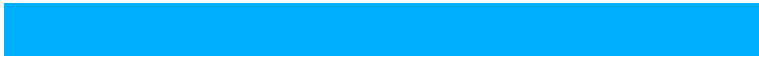
4286611584

Same Dimension

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



4278224580



4278234879



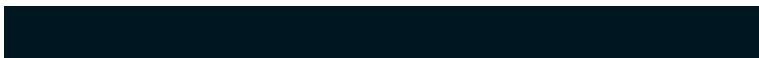
4278200260



4283915873



4278218401



4278196001

Inverse Universe

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



4291035270



4294901934



4291075328



4284569438



4288741486



4280352791

Previews

White Background



This preview shows how the Android color 4278224580 looks on a white background.

Color Contrast Check

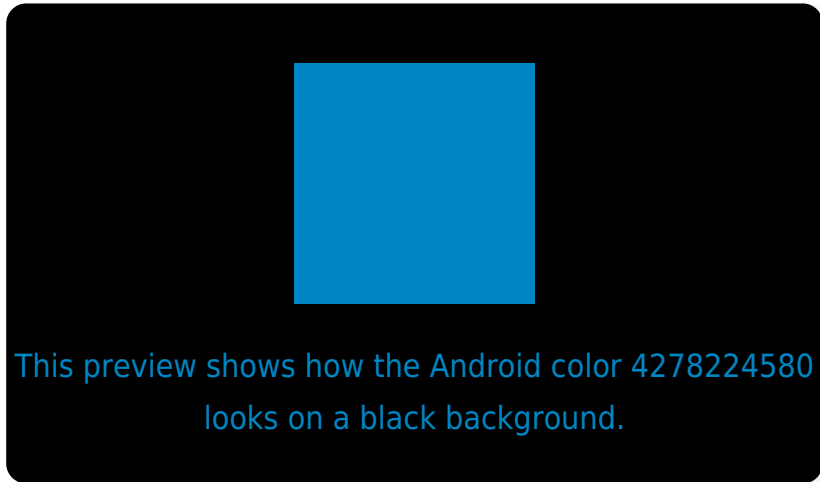
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278224580 Background



This preview shows how black text looks on a background with the Android color 4278224580.



This preview shows how white text looks on a background with the Android color 4278224580.

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
4278224580

Protanomaly
4282548414

Deuteranomaly
4281827781

Tritanomaly
4278225575

Monochromacy



Original Color
4278224580

Achromatopsia
4284835173

Achromatomaly
4282413448

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224580 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, 134, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 196)  
}
```

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, 134, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 196) }
```

Border

The CSS property to change the border of an element to Android 4278224580 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, 134, 196) }
```

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

```
.border{ border-color:rgb(0, 134, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4278224580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 196) }
```

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

```
.background{ background-color: rgb(0, 134,  
196) }
```

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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