

Converting Colors

Android(4278800298)

Have a look what the booklet for
Android(4278800298) contains.

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Color

Android(4278800298)

Conversions

Conversions Part 1

Format	Color
Hex	094FAA
RGB	9, 79, 170
RGB Percent	4%, 31%, 67%
CMY	0.9647, 0.6902, 0.3333
CMYK	0.95, 0.54, 0.00, 0.33
HSL	214°, 90%, 35%
HSV	214°, 95%, 67%
XYZ	10.1643, 8.5523, 39.1453
YIQ	68.4440, -70.9310, 13.4610

Conversions

Conversions Part 2

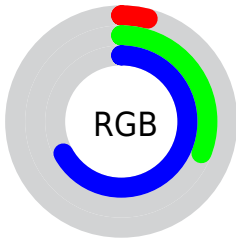
Format	Color
R_{YB}	9, 58, 170
Decimal	610218
CIE _{Lab}	35.11, 17.04, -54.10
CIE _{LCh}	35, 56.715, 287.482
Yxy	8.5523, 0.1757, 0.1478
Android (android.graphics.Color)	4278800298 (0xFF094FAA)
YUV	68.4440, 50.0671, -52.1324
Hunter-Lab	29.2444, 10.8629, -58.8920

Details

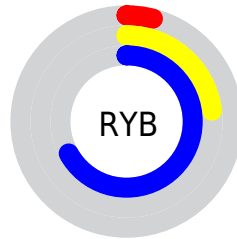
The Android color `4278800298` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289356809`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4284252130`, and `4278199413` is the 20% darker color. If you saturate the color by 10%, you get `4278209194`, and if you desaturate by 10%, it is `4279916970`.

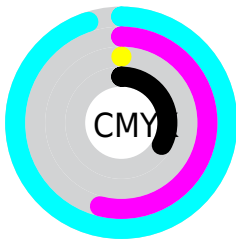
Distribution



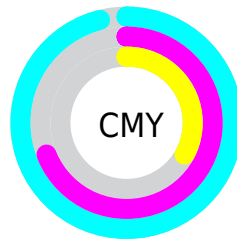
- Red (4%)
- Green (31%)
- Blue (67%)



- Red (4%)
- Yellow (23%)
- Blue (67%)



- Cyan (95%)
- Magenta (54%)
- Yellow (0%)
- Black (33%)



- Cyan (96%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278800298 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 4278800298 by changing the saturation by 10% instead.

 4278800298

 4278800298

4294967295

 4278204815

 4284252130

 4278199413

 4286224895

 4278194524

 4288132351

 4278191939

 4290105343

 4278190892

 4292078591

 4278190358

 4294049791

 4278190080

 4278800298

 4278800298

 4278209194

 4279916970

■ 4281033386

■ 4282150058

■ 4283266474

■ 4284383146

■ 4285499818

■ 4286616234

■ 4287732906

■ 4288849322

Harmonies

Analogous

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



4278214316



4278800298



4285806737

Triad

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



4278800298



4287771405



4278215997

Complementary

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



4278800298



4289356809

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.



4278280457



4278800298



4285876736

Square

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



4278800298



4288682554



4283193600



4278216301

Rectangle

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



4278800298



4287636854



4283193600



4278215725

Sweetspot

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



4278800298



4288723934



4278823522



4283063152



4293980400



4285558896

Same Dimension

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



4278800298



4278214878



4279306666



4283191124



4278206612



4278192404

Inverse Universe

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



4289333583



4292739168



4288850441



4283714639



4287889472



4279500809

Previews

White Background



This preview shows how the Android color 4278800298 looks on a white background.

Color Contrast Check

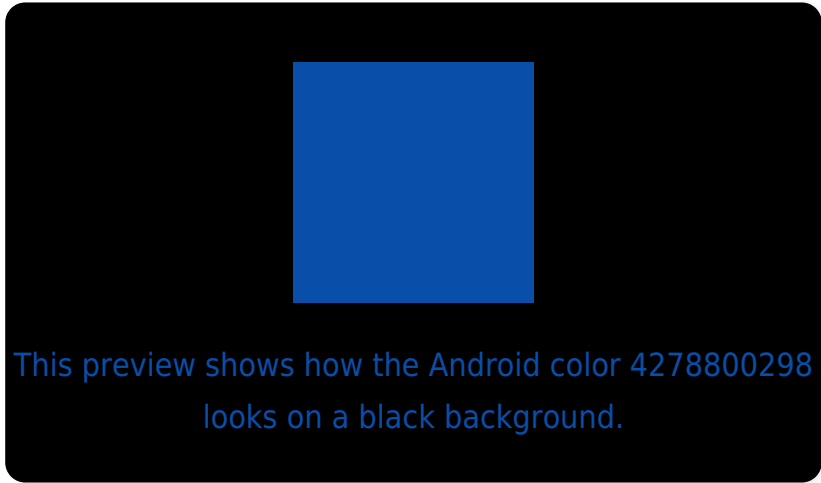
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

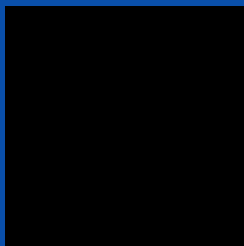
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4278800298 Background



This preview shows how black text looks on a background with the Android color 4278800298.



This preview shows how white text looks on a background with the Android color 4278800298.

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
4278800298

Protanopia
4278210473

Deuteranopia
4278211730

Trichromacy



Original Color
4278800298

Protanomaly
4278407081

Deuteranomaly
4278407835

Tritanomaly
4278409084

Monochromacy



Original Color
4278800298

Achromatopsia
4282664004

Achromatomaly
4281288809

CSS Examples

Text

The CSS property to change the color of the text to Android 4278800298 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(9, 79, 170)` looks like.

```
.text, #text, p{  
    color:rgb(9, 79, 170)  
}
```

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(9, 79, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 79, 170) }
```

Border

The CSS property to change the border of an element to Android 4278800298 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(9, 79, 170) }
```

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

```
.border{ border-color:rgb(9, 79, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 79, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 79, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 79, 170);  
box-shadow:4px 4px 4px 4px rgb(9, 79, 170)  
}
```

Background

The CSS property to change the background color of an element to Android 4278800298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 79, 170) }
```

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

```
.background{ background-color: rgb(9, 79,  
170) }
```

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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