

Converting Colors

Android(4282411478)

Have a look what the booklet for
Android(4282411478) contains.

Android(4282411478)	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>	29

Color

Android(4282411478)

Conversions

Conversions Part 1

Format	Color
Hex	4069D6
RGB	64, 105, 214
RGB Percent	25%, 41%, 84%
CMY	0.7490, 0.5882, 0.1608
CMYK	0.70, 0.51, 0.00, 0.16
HSL	224°, 65%, 55%
HSV	224°, 70%, 84%
XYZ	19.3035, 16.0482, 65.6985
YIQ	105.1670, -59.4250, 25.2070

Conversions

Conversions Part 2

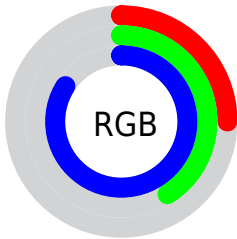
Format	Color
RYB	64, 96, 214
Decimal	4221398
CIELab	47.04, 22.19, -60.32
CIELCh	47, 64.269, 290.196
Yxy	16.0482, 0.1910, 0.1588
Android (android.graphics.Color)	4282411478 (0xFF4069D6)
YUV	105.1670, 53.6547, -36.1035
Hunter-Lab	40.0602, 15.9073, -69.1932

Details

The Android color `4282411478` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4292259136`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4286618879`, and `4278205342` is the 20% darker color. If you saturate the color by 10%, you get `4281031126`, and if you desaturate by 10%, it is `4283791830`.

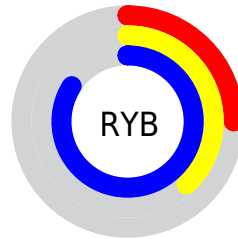
Distribution



Red (25%)

Green (41%)

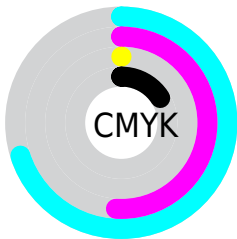
Blue (84%)



Red (25%)

Yellow (38%)

Blue (84%)

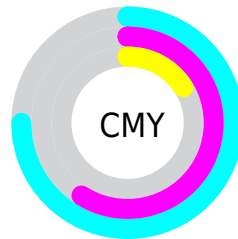


Cyan (70%)

Magenta (51%)

Yellow (0%)

Black (16%)



Cyan (75%)

Magenta (59%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282411478 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 4282411478 by changing the saturation by 10% instead.

 4282411478

 4282411478

4294967295

 4279194042

 4286618879

 4278205342

 4288657151

 4278199940

 4290630399

 4278195306

 4292603647

 4278190929

 4294574079

 4278191417

 4278190626

 4278190088

 4278190080

■ 4282411478

■ 4282411478

■ 4281031126

■ 4283791830

■ 4279585494

■ 4285237462

■ 4278205142

■ 4286617814

■ 4288063446

■ 4289443798

■ 4290823894

■ 4292269782

■ 4293649878

■ 4294964694

Harmonies

Analogous

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



4278221787



4282411478



4288564918

Triad

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



4282411478



4290399770



4278224475

Complementary

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



4282411478



4292259136

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.



4278944290



4282411478



4288046848

Square

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



4282411478



4291638606



4284774400



4278224787

Rectangle

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



4282411478



4290526101



4284774400



4278224200

Sweetspot

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



4282411478



4291418367



4282439340



4284508288



4278190080



4286611584

Same Dimension

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



4282411478



4280902655



4284563670



4284506987



4278202283



4278193195

Inverse Universe

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



4292231273



4294912355



4290172480



4285227107



4289396783



4281008140

Previews

White Background



This preview shows how the Android color 4282411478 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 × Fail

Black Background



This preview shows how the Android color 4282411478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

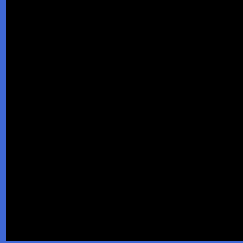
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4282411478 Background



This preview shows how black text looks on a background with the Android color 4282411478.



This preview shows how white text looks on a background with the Android color 4282411478.

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
4282411478

Protanomaly
4281625303

Deuteranomaly
4279725772

Tritanomaly
4279727266

Monochromacy



Original Color
4282411478

Achromatopsia
4285098345

Achromatomaly
4284115345

CSS Examples

Text

The CSS property to change the color of the text to Android 4282411478 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(64, 105, 214)` looks like.

```
.text, #text, p{  
    color:rgb(64, 105, 214)  
}
```

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(64, 105, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 105, 214) }
```

Border

The CSS property to change the border of an element to Android 4282411478 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(64, 105, 214) }
```

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

```
.border{ border-color:rgb(64, 105, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 105, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 105, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 105, 214);  
box-shadow:4px 4px 4px 4px rgb(64, 105,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4282411478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 105, 214) }
```

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

```
.background{ background-color: rgb(64, 105,  
214) }
```

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