

Converting Colors

Android(4278218203)

Have a look what the booklet for
Android(4278218203) contains.

Android(4278218203)	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(4278218203)

Conversions

Conversions Part 1

Format	Color
Hex	006DDB
RGB	0, 109, 219
RGB Percent	0%, 43%, 86%
CMY	1.0000, 0.5725, 0.1412
CMYK	1.00, 0.50, 0.00, 0.14
HSL	210°, 100%, 43%
HSV	210°, 100%, 86%
XYZ	18.2548, 16.0518, 69.1540
YIQ	88.9490, -100.2740, 11.1020

Conversions

Conversions Part 2

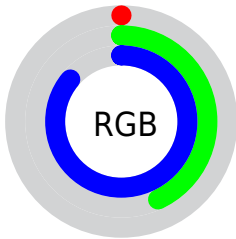
Format	Color
RYB	0, 73, 219
Decimal	28123
CIELab	47.04, 16.75, -63.22
CIELCh	47, 65.402, 284.836
Yxy	16.0518, 0.1764, 0.1551
Android (android.graphics.Color)	4278218203 (0xFF006DDB)
YUV	88.9490, 64.1151, -78.0083
Hunter-Lab	40.0646, 11.2176, -74.2929

Details

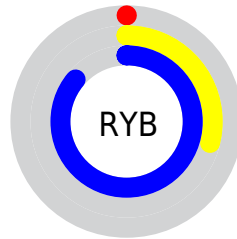
The Android color `4278218203` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292570624`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284981503`, and `4278206371` is the 20% darker color. If you saturate the color by 10%, you get `4278218203`, and if you desaturate by 10%, it is `4279662811`.

Distribution



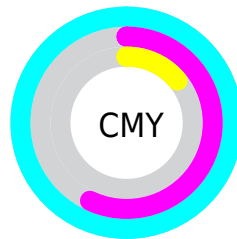
- Red (0%)
- Green (43%)
- Blue (86%)



- Red (0%)
- Yellow (29%)
- Blue (86%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (57%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218203 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 4278218203 by changing the saturation by 10% instead.

 4278218203

 4278218203

4294967295

 4278212031

 4284981503

 4278206371

 4287150847

 4278200968

 4289189631

 4278196334

 4291228415

 4278192469

 4293263359

 4278191677

 4278190886

 4278190351

 4278190080

■ 4278218203

■ 4279662811

■ 4281107419

■ 4282552027

■ 4283996635

■ 4285441243

■ 4286820315

■ 4288264923

■ 4289709531

■ 4291154139

Harmonies

Analogous

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



4278222554



4278218203



4287845310

Triad

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



4278218203



4290791458



4278224465

Complementary

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



4278218203



4292570624

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.



4280779028



4278218203



4288570112

Square

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



4278218203



4291768151



4285428992



4278225034

Rectangle

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



4278218203



4290199199



4285428992



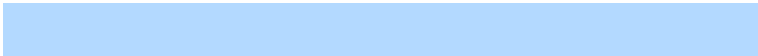
4278224190

Sweetspot

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



4278218203



4289976831



4278246254



4283590784



4278190080



4286611584

Same Dimension

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



4278218203



4278222847



4278190299



4284704878



4278212269



4278196014

Inverse Universe

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



4292542573



4294901887



4292598528



4285424488



4289527894



4281204759

Previews

White Background



This preview shows how the Android color 4278218203 looks on a white background.

Color Contrast Check

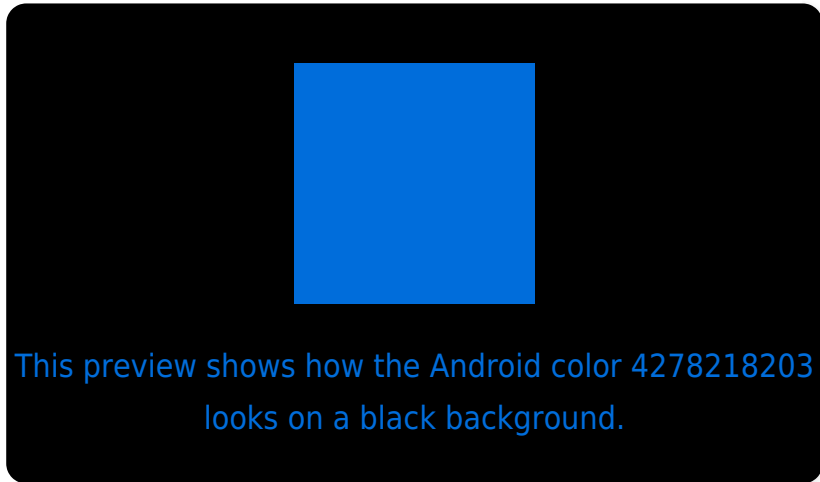
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4278218203 Background



This preview shows how black text looks on a background with the Android color 4278218203.



This preview shows how white text looks on a background with the Android color 4278218203.

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
4278218203

Protanomaly
4280052954

Deuteranomaly
4278218958

Tritanomaly
4278220451

Monochromacy



Original Color
4278218203

Achromatopsia
4284045657

Achromatomaly
4281950344

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218203 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, 109, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 219)  
}
```

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, 109, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 219) }
```

Border

The CSS property to change the border of an element to Android 4278218203 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, 109, 219) }
```

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

```
.border{ border-color:rgb(0, 109, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4278218203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 219) }
```

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

```
.background{ background-color: rgb(0, 109,  
219) }
```

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