

Converting Colors

Android(4278205124)

Have a look what the booklet for
Android(4278205124) contains.

Android(4278205124)	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(4278205124)

Conversions

Conversions Part 1

Format	Color
Hex	003AC4
RGB	0, 58, 196
RGB Percent	0%, 23%, 77%
CMY	1.0000, 0.7725, 0.2314
CMYK	1.00, 0.70, 0.00, 0.23
HSL	222°, 100%, 38%
HSV	222°, 100%, 77%
XYZ	11.4769, 7.0116, 52.9730
YIQ	56.3900, -78.8660, 30.6220

Conversions

Conversions Part 2

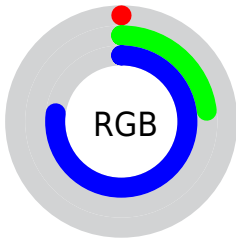
Format	Color
RYB	0, 45, 196
Decimal	15044
CIELab	31.83, 40.96, -74.83
CIELCh	32, 85.303, 298.693
Yxy	7.0116, 0.1606, 0.0981
Android (android.graphics.Color)	4278205124 (0xFF003AC4)
YUV	56.3900, 68.8277, -49.4540
Hunter-Lab	26.4795, 31.0272, -100.0758

Details

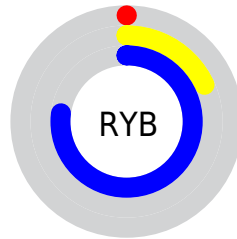
The Android color `4278205124` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291070464`, and the grayscale version is `4281874488`.

A 20% lighter version of the original color is `4284770814`, and `4278194573` is the 20% darker color. If you saturate the color by 10%, you get `4278205124`, and if you desaturate by 10%, it is `4279519428`.

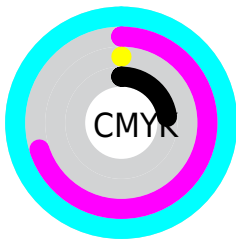
Distribution



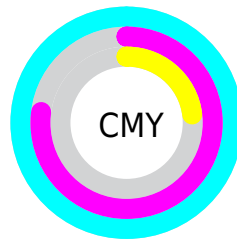
- Red (0%)
- Green (23%)
- Blue (77%)



- Red (0%)
- Yellow (18%)
- Blue (77%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (77%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278205124 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 4278205124 by changing the saturation by 10% instead.

 4278205124

 4278205124

4294967295

 4278199464

 4284770814

 4278194573

 4286874623

 4278190194

 4288912895

 4278192217

 4290951423

 4278191936

 4292989951

 4278190889

 4294963455

 4278190355

 4278190080

 4278205124

■ 4279519428

■ 4280768196

■ 4282082244

■ 4283331012

■ 4284645316

■ 4285959620

■ 4287208388

■ 4288522436

■ 4289771204

Harmonies

Analogous

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



4278212565



4278205124



4287758482

Triad

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



4278205124



4287635968



4278215238

Complementary

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



4278205124



4291070464

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.



4278214400



4278205124



4284434432

Square

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



4278205124



4289724432



4278933504



4278215563

Rectangle

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



4278205124



4289593447



4278933504



4278214958

Sweetspot

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



4278205124



4289972735



4278240393



4283588480



4278190080



4286611584

Same Dimension

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



4278205124



4278209535



4280746180



4283914849



4278202529



4278192673

Inverse Universe

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



4291035194



4294901835



4288529408



4284569434



4288741424



4280352778

Previews

White Background



This preview shows how the Android color 4278205124 looks on a white background.

Color Contrast Check

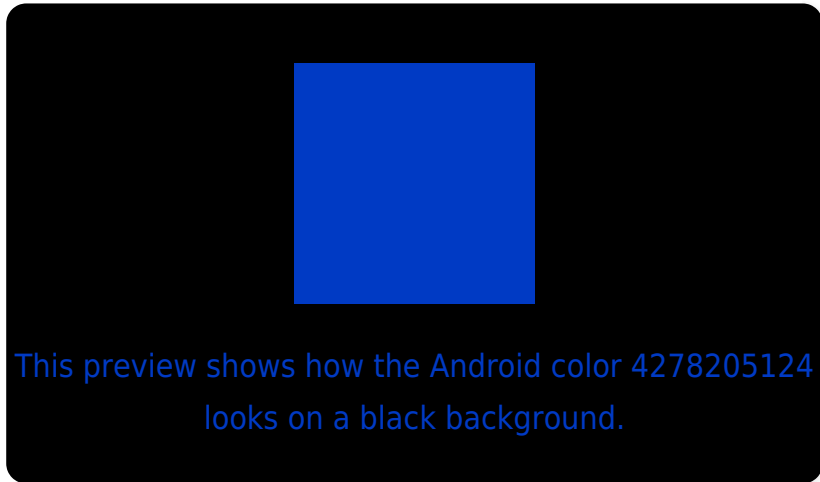
Large Text (above 18pt) WCAG AA ✓ Pass

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

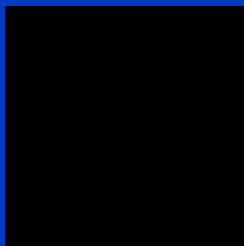
Any Text WCAG AA × Fail

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 4278205124 Background



This preview shows how black text looks on a background with the Android color 4278205124.



This preview shows how white text looks on a background with the Android color 4278205124.

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

4278205124

Protanopia

4278208664

Deuteranopia

4278209922

Trichromacy



Original Color
4278205124

Protanomaly
4278207400

Deuteranomaly
4278208154

Tritanomaly
4278209151

Monochromacy



Original Color
4278205124

Achromatopsia
4281874488

Achromatomaly
4280564075

CSS Examples

Text

The CSS property to change the color of the text to Android 4278205124 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, 58, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 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, 58, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 196) }
```

Border

The CSS property to change the border of an element to Android 4278205124 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, 58, 196) }
```

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

```
.border{ border-color:rgb(0, 58, 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, 58, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 196)  
}
```

Background

The CSS property to change the background color of an element to Android 4278205124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 196) }
```

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

```
.background{ background-color: rgb(0, 58,  
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](#).

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