

Converting Colors

Android(4278214589)

Have a look what the booklet for
Android(4278214589) contains.

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Color

Android(4278214589)

Conversions

Conversions Part 1

Format	Color
Hex	005FBD
RGB	0, 95, 189
RGB Percent	0%, 37%, 74%
CMY	1.0000, 0.6275, 0.2588
CMYK	1.00, 0.50, 0.00, 0.26
HSL	210°, 100%, 37%
HSV	210°, 100%, 74%
XYZ	13.2775, 11.8585, 49.7332
YIQ	77.3110, -86.7940, 9.0940

Conversions

Conversions Part 2

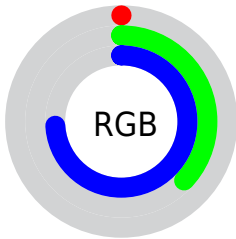
Format	Color
RYB	0, 63, 189
Decimal	24509
CIELab	40.99, 13.79, -55.77
CIELCh	41, 57.445, 283.887
Yxy	11.8585, 0.1773, 0.1584
Android (android.graphics.Color)	4278214589 (0xFF005FBD)
YUV	77.3110, 55.0627, -67.8017
Hunter-Lab	34.4362, 8.5605, -61.5220

Details

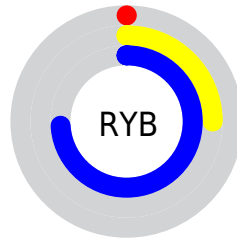
The Android color `4278214589` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290600448`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284453366`, and `4278203015` is the 20% darker color. If you saturate the color by 10%, you get `4278214589`, and if you desaturate by 10%, it is `4279462077`.

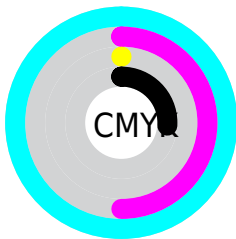
Distribution



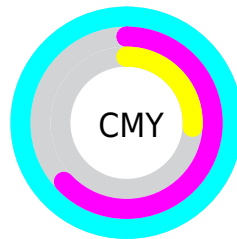
- Red (0%)
- Green (37%)
- Blue (74%)



- Red (0%)
- Yellow (25%)
- Blue (74%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (63%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214589 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 4278214589 by changing the saturation by 10% instead.

 4278214589

 4278214589

4294967295

 4278208674

 4284453366

 4278203015

 4286491647

 4278198125

 4288464639

 4278191188

 4290437887

 4278191676

 4292476927

 4278190629

 4294443007

 4278190350

 4278190080

 4278214589

■ 4279462077

■ 4280709821

■ 4281957309

■ 4283205053

■ 4284452541

■ 4285634493

■ 4286882237

■ 4288129725

■ 4289377469

Harmonies

Analogous

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



4278218172



4278214589



4286400933

Triad

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



4278214589



4289150752



4278219845

Complementary

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



4278214589



4290600448

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.



4280774418



4278214589



4287255808

Square

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



4278214589



4289932109



4284572928



4278220406

Rectangle

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



4278214589



4288493707



4284572928



4278219572

Sweetspot

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



4278214589



4289450229



4278238555



4283327610



4294638330



4286216826

Same Dimension

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



4278214589



4278221813



4278191037



4283783774



4278210462



4278193951

Inverse Universe

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



4290576479



4294246523



4290624000



4284372314



4288544847



4280221711

Previews

White Background



This preview shows how the Android color 4278214589 looks on a white background.

Color Contrast Check

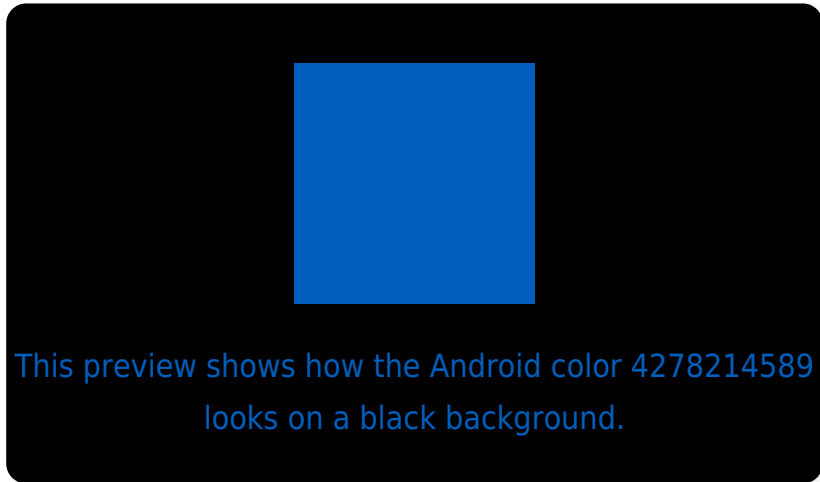
Large Text (above 18pt) WCAG AA ✓ Pass

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

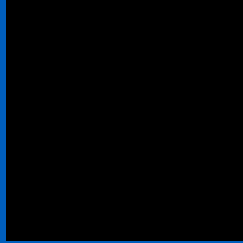
Any Text WCAG AA × Fail

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 4278214589 Background



This preview shows how black text looks on a background with the Android color 4278214589.



This preview shows how white text looks on a background with the Android color 4278214589.

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
4278214589

Protanopia
4280901051

Deuteranopia
4278215596

Trichromacy



Original Color
4278214589

Protanomaly
4279918268

Deuteranomaly
4278215346

Tritanomaly
4278216589

Monochromacy



Original Color
4278214589

Achromatopsia
4283256141

Achromatomaly
4281422966

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214589 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, 95, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 189)  
}
```

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, 95, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 189) }
```

Border

The CSS property to change the border of an element to Android 4278214589 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, 95, 189) }
```

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

```
.border{ border-color:rgb(0, 95, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 189)  
}
```

Background

The CSS property to change the background color of an element to Android 4278214589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 189) }
```

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

```
.background{ background-color: rgb(0, 95,  
189) }
```

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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