

Converting Colors

Android(4278214009)

Have a look what the booklet for
Android(4278214009) contains.

Android(4278214009)	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(4278214009)

Conversions

Conversions Part 1

Format	Color
Hex	005D79
RGB	0, 93, 121
RGB Percent	0%, 36%, 47%
CMY	1.0000, 0.6353, 0.5255
CMYK	1.00, 0.23, 0.00, 0.53
HSL	194°, 100%, 24%
HSV	194°, 100%, 47%
XYZ	7.3655, 9.2092, 19.4785
YIQ	68.3850, -64.4160, -11.0080

Conversions

Conversions Part 2

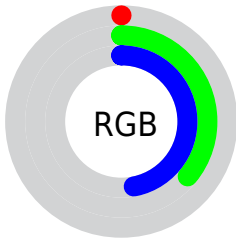
Format	Color
RYB	0, 53, 121
Decimal	23929
CIELab	36.38, -12.62, -22.38
CIELCh	36, 25.691, 240.570
Yxy	9.2092, 0.2043, 0.2554
Android (android.graphics.Color)	4278214009 (0xFF005D79)
YUV	68.3850, 25.9392, -59.9736
Hunter-Lab	30.3466, -9.7822, -16.8137

Details

The Android color `4278214009` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286127104`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283207597`, and `4278202184` is the 20% darker color. If you saturate the color by 10%, you get `4278214009`, and if you desaturate by 10%, it is `4279001209`.

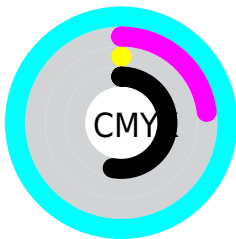
Distribution



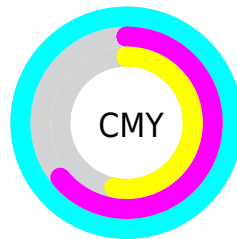
- Red (0%)
- Green (36%)
- Blue (47%)



- Red (0%)
- Yellow (21%)
- Blue (47%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214009 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 4278214009 by changing the saturation by 10% instead.

 4278214009

 4278214009

4294967295

 4278207840

 4283207597

 4278202184

 4285049545

 4278197042

 4286891493

 4278190621

 4288733695

 4278190080

 4290576127

 4292476927

 4294443007

 4278214009

■ 4279001209

■ 4279788409

■ 4280575353

■ 4281362553

■ 4282149753

■ 4283002489

■ 4283789689

■ 4284576633

■ 4285363833

Harmonies

Analogous

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



4278214762



4278214009



4281751679

Triad

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



4278214009



4286334294



4283259697

Complementary

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



4278214009



4286127104

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.



4284634412



4278214009



4286334786

Square

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



4278214009



4285548906



4285746482



4281622337

Rectangle

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



4278214009



4283323260



4285746482



4283717934

Sweetspot

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



4278214009



4285502366



4278221082



4281550927



4291809231



4283387727

Same Dimension

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



4278214009



4278221470



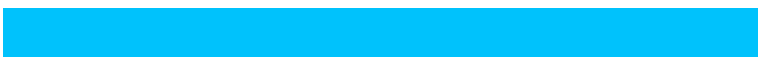
4278198905



4281809981



4278214781



4278239996

Inverse Universe

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



4286120029



4288544890



4286142208



4282201916



4286382176



4294705346

Previews

White Background



This preview shows how the Android color 4278214009 looks on a white background.

Color Contrast Check

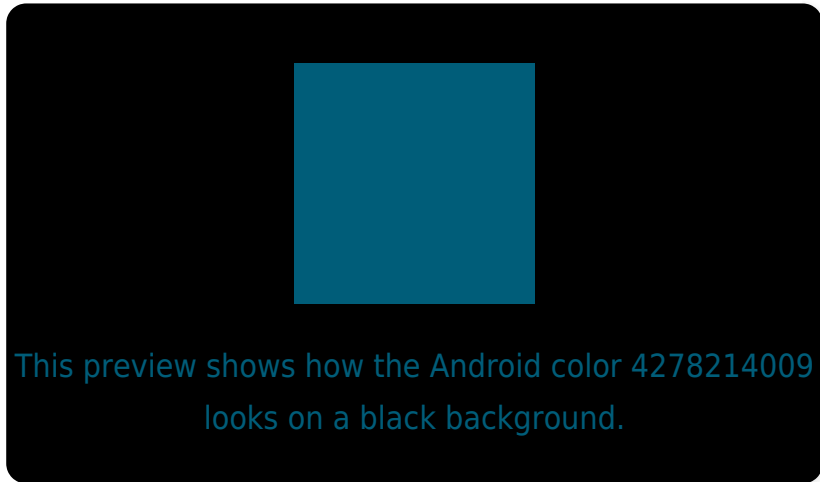
Large Text (above 18pt) WCAG AA ✓ Pass

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

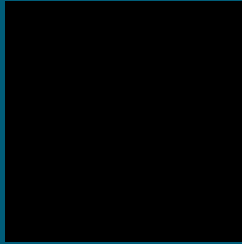
Any Text WCAG AA × Fail

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 4278214009 Background



This preview shows how black text looks on a background with the Android color 4278214009.

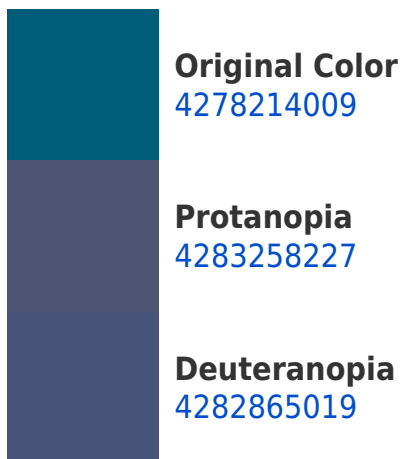


This preview shows how white text looks on a background with the Android color 4278214009.

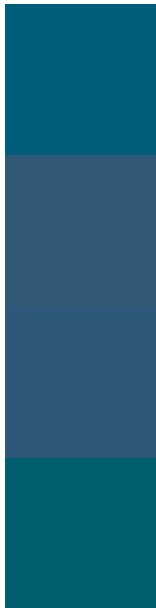
Color Blindness Simulation

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
4278214009

Protanomaly
4281423989

Deuteranomaly
4281161850

Tritanomaly
4278214254

Monochromacy



Original Color
4278214009

Achromatopsia
4282664004

Achromatomaly
4281027927

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214009 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, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 121)  
}
```

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, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 121) }
```

Border

The CSS property to change the border of an element to Android 4278214009 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, 93, 121) }
```

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

```
.border{ border-color:rgb(0, 93, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 121)  
}
```

Background

The CSS property to change the background color of an element to Android 4278214009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 121) }
```

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

```
.background{ background-color: rgb(0, 93,  
121) }
```

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