

Converting Colors

Android(4278214307)

Have a look what the booklet for
Android(4278214307) contains.

Android(4278214307)	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(4278214307)

Conversions

Conversions Part 1

Format	Color
Hex	005EA3
RGB	0, 94, 163
RGB Percent	0%, 37%, 64%
CMY	1.0000, 0.6314, 0.3608
CMYK	1.00, 0.42, 0.00, 0.36
HSL	205°, 100%, 32%
HSV	205°, 100%, 64%
XYZ	10.6136, 10.6498, 36.1465
YIQ	73.7600, -78.1730, 1.5310

Conversions

Conversions Part 2

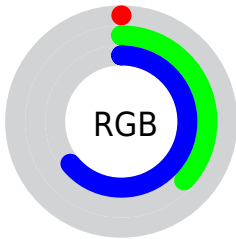
Format	Color
R_{YB}	0, 60, 163
Decimal	24227
CIE _{Lab}	38.98, 3.77, -43.68
CIE _{LCh}	39, 43.846, 274.938
Yxy	10.6498, 0.1849, 0.1855
Android (android.graphics.Color)	4278214307 (0xFF005EA3)
YUV	73.7600, 43.9953, -64.6875
Hunter-Lab	32.6340, 0.9442, -42.8280

Details

The Android color `4278214307` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288890112`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283928794`, and `4278202735` is the 20% darker color. If you saturate the color by 10%, you get `4278214307`, and if you desaturate by 10%, it is `4279264675`.

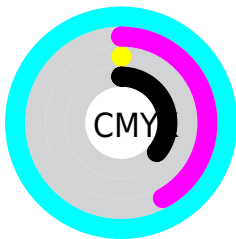
Distribution



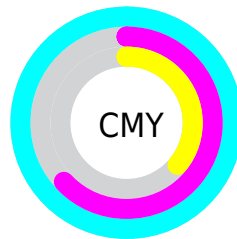
- Red (0%)
- Green (37%)
- Blue (64%)



- Red (0%)
- Yellow (24%)
- Blue (64%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214307 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 4278214307 by changing the saturation by 10% instead.

 4278214307

 4278214307

4294967295

 4278208392

 4283928794

 4278202735

 4285901559

 4278197590

 4287809023

 4278191678

 4289782271

 4278190887

 4291690239

 4278190353

 4293656575

 4278190080

 4278214307

 4279264675

■ 4280380579

■ 4281430947

■ 4282481315

■ 4283597219

■ 4284647331

■ 4285697699

■ 4286748067

■ 4287863971

Harmonies

Analogous

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



4278216604



4278214307



4284764311

Triad

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



4278214307



4288167989



4278217532

Complementary

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



4278214307



4288890112

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.



4282606876



4278214307



4286926616

Square

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



4278214307



4288362839



4285029385



4278218081

Rectangle

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



4278214307



4286662021



4285029385



4280248625

Sweetspot

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



4278214307



4287936980



4278231876



4282735467



4293651435



4285229931

Same Dimension

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



4278214307



4278221524



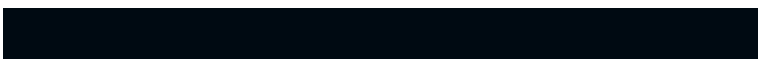
4278193827



4282994258



4278211729



4278192658

Inverse Universe

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



4288872542



4292083834



4288910592



4283582798



4287692884



4279369738

Previews

White Background



This preview shows how the Android color 4278214307 looks on a white background.

Color Contrast Check

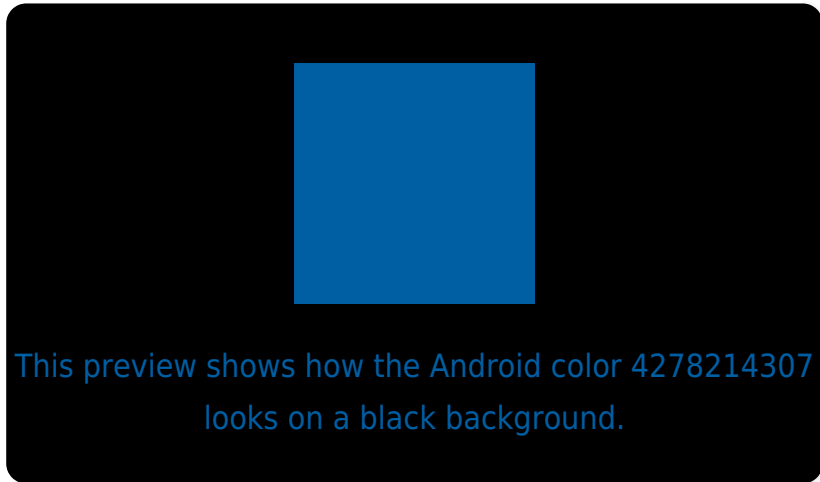
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278214307 Background



This preview shows how black text looks on a background with the Android color 4278214307.



This preview shows how white text looks on a background with the Android color 4278214307.

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
4278214307

Protanopia
4282210975

Deuteranopia
4279852451

Trichromacy



Original Color
4278214307

Protanomaly
4280769440

Deuteranomaly
4279262627

Tritanomaly
4278215553

Monochromacy



Original Color
4278214307

Achromatopsia
4283058762

Achromatomaly
4281291114

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214307 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, 94, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 163)  
}
```

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, 94, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 163) }
```

Border

The CSS property to change the border of an element to Android 4278214307 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, 94, 163) }
```

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

```
.border{ border-color:rgb(0, 94, 163) }
```

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

Here you see how a box with a 4 pixel rgb(0, 94, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 163)  
}
```

Background

The CSS property to change the background color of an element to Android 4278214307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 163) }
```

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

```
.background{ background-color: rgb(0, 94,  
163) }
```

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