

Converting Colors

Android(4278204571)

Have a look what the booklet for
Android(4278204571) contains.

Android(4278204571)	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(4278204571)

Conversions

Conversions Part 1

Format	Color
Hex	00389B
RGB	0, 56, 155
RGB Percent	0%, 22%, 61%
CMY	1.0000, 0.7804, 0.3922
CMYK	1.00, 0.64, 0.00, 0.39
HSL	218°, 100%, 30%
HSV	218°, 100%, 61%
XYZ	7.3306, 5.1949, 31.6267
YIQ	50.5420, -65.1550, 18.9170

Conversions

Conversions Part 2

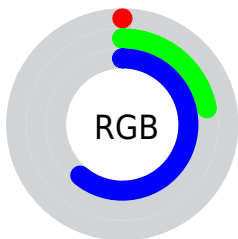
Format	Color
RYB	0, 41, 155
Decimal	14491
CIELab	27.28, 26.27, -57.83
CIELCh	27, 63.513, 294.429
Yxy	5.1949, 0.1660, 0.1177
Android (android.graphics.Color)	4278204571 (0xFF00389B)
YUV	50.5420, 51.4978, -44.3253
Hunter-Lab	22.7923, 17.5234, -66.3163

Details

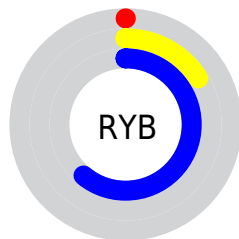
The Android color `4278204571` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288373504`, and the grayscale version is `4281479730`.

A 20% lighter version of the original color is `4283852498`, and `4278194535` is the 20% darker color. If you saturate the color by 10%, you get `4278204571`, and if you desaturate by 10%, it is `4279190171`.

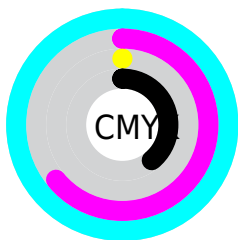
Distribution



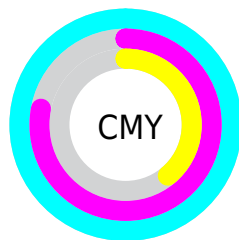
- Red (0%)
- Green (22%)
- Blue (61%)



- Red (0%)
- Yellow (16%)
- Blue (61%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (78%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204571 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 4278204571 by changing the saturation by 10% instead.

■ 4278204571

■ 4278204571

4294967295

■ 4278199168

■ 4283852498

■ 4278194535

■ 4285825007

■ 4278190158

■ 4287797759

■ 4278191414

■ 4289705215

■ 4278190624

■ 4291612671

■ 4278190083

■ 4293586175

■ 4278190080

■ 4278204571

■ 4279190171

■ 4280241307

■ 4281292443

■ 4282278043

■ 4283329179

■ 4284314523

■ 4285300123

■ 4286351259

■ 4287336859

Harmonies

Analogous

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



4278209187



4278204571



4285469050

Triad

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



4278204571



4286193920



4278211126

Complementary

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



4278204571



4288373504

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.



4278210560



4278204571



4283972608

Square

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



4278204571



4287496220



4280830208



4278211432

Rectangle

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



4278204571



4287037532



4280830208



4278211108

Sweetspot

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



4278204571



4287472585



4278229858



4282470246



4293322470



4284900966

Same Dimension

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



4278204571



4278208969



4279566491



4282730573



4278203276



4278191373

Inverse Universe

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



4288348216



4291362889



4287011584



4283254088



4287365171



4279042053

Previews

White Background



This preview shows how the Android color 4278204571 looks on a white background.

Color Contrast Check

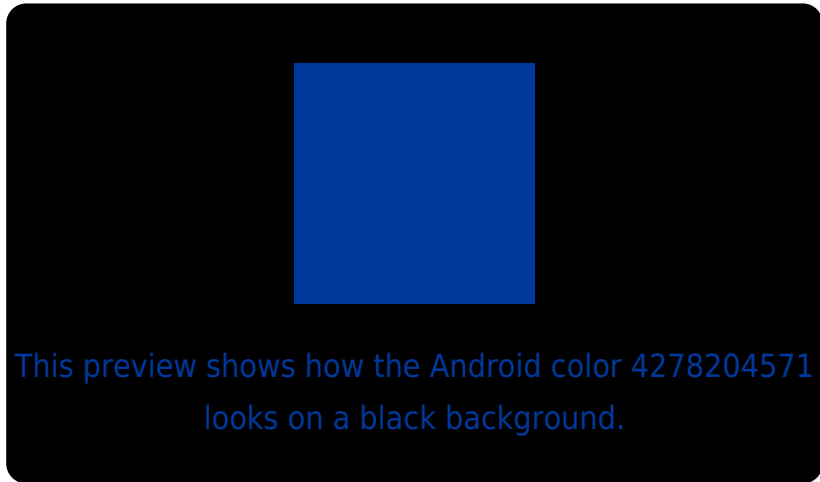
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278204571 Background



This preview shows how black text looks on a background with the Android color 4278204571.



This preview shows how white text looks on a background with the Android color 4278204571.

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

4278204571

Protanopia

4278206340

Deuteranopia

4278207345

Trichromacy



Original Color
4278204571

Protanomaly
4278205580

Deuteranomaly
4278206336

Tritanomaly
4278207081

Monochromacy



Original Color
4278204571

Achromatopsia
4281545523

Achromatomaly
4280300889

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204571 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, 56, 155)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 155)  
}
```

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, 56, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 155) }
```

Border

The CSS property to change the border of an element to Android 4278204571 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, 56, 155) }
```

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

```
.border{ border-color:rgb(0, 56, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 56, 155);  
box-shadow:4px 4px 4px 4px rgb(0, 56, 155)  
}
```

Background

The CSS property to change the background color of an element to Android 4278204571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 155) }
```

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

```
.background{ background-color: rgb(0, 56,  
155) }
```

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