

Converting Colors

Android(4278213023)

Have a look what the booklet for
Android(4278213023) contains.

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Color

Android(4278213023)

Conversions

Conversions Part 1

Format	Color
Hex	00599F
RGB	0, 89, 159
RGB Percent	0%, 35%, 62%
CMY	1.0000, 0.6510, 0.3765
CMYK	1.00, 0.44, 0.00, 0.38
HSL	206°, 100%, 31%
HSV	206°, 100%, 62%
XYZ	9.8304, 9.6480, 34.1450
YIQ	70.3690, -75.5140, 2.9020

Conversions

Conversions Part 2

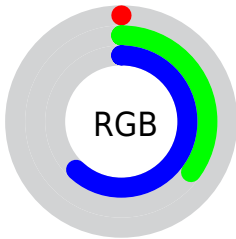
Format	Color
RYB	0, 57, 159
Decimal	22943
CIELab	37.20, 5.38, -44.15
CIELCh	37, 44.476, 276.944
Yxy	9.6480, 0.1833, 0.1799
Android (android.graphics.Color)	4278213023 (0xFF00599F)
YUV	70.3690, 43.6951, -61.7136
Hunter-Lab	31.0612, 2.1355, -43.4337

Details

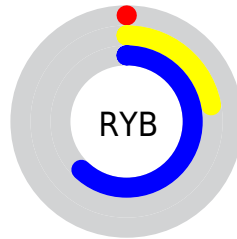
The Android color `4278213023` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288628224`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4283861718`, and `4278201707` is the 20% darker color. If you saturate the color by 10%, you get `4278213023`, and if you desaturate by 10%, it is `4279263391`.

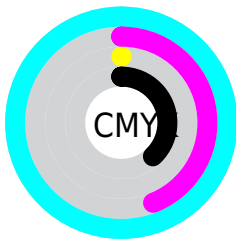
Distribution



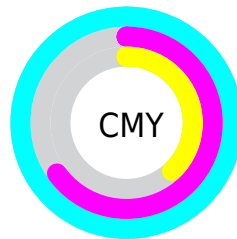
- Red (0%)
- Green (35%)
- Blue (62%)



- Red (0%)
- Yellow (22%)
- Blue (62%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (65%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278213023 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 4278213023 by changing the saturation by 10% instead.

 4278213023

 4278213023

4294967295

 4278207109

 4283861718

 4278201707

 4285834739


 4278196562

 4287742207

 4278191675

 4289649663

 4278190628

 4291557631

 4278190092

 4293525503

 4278190080

 4278213023

 4279263391

■ 4280313759

■ 4281364127

■ 4282414495

■ 4283464863

■ 4284449695

■ 4285500063

■ 4286550431

■ 4287600799

Harmonies

Analogous

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



4278215577



4278213023



4284697233

Triad

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



4278213023



4287839278



4278216250

Complementary

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



4278213023



4288628224

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.



4282147096



4278213023



4286532369

Square

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



4278213023



4288164945



4284635394



4278216799

Rectangle

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



4278213023



4286529407



4284635394



4279264558

Sweetspot

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



4278213023



4287738831



4278230853



4282603625



4293454056



4285098345

Same Dimension

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



4278213023



4278219983



4278193055



4282862671



4278210703



4278192399

Inverse Universe

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



4288610393



4291756148



4288648192



4283385676



4287561808



4279173129

Previews

White Background



This preview shows how the Android color 4278213023 looks on a white background.

Color Contrast Check

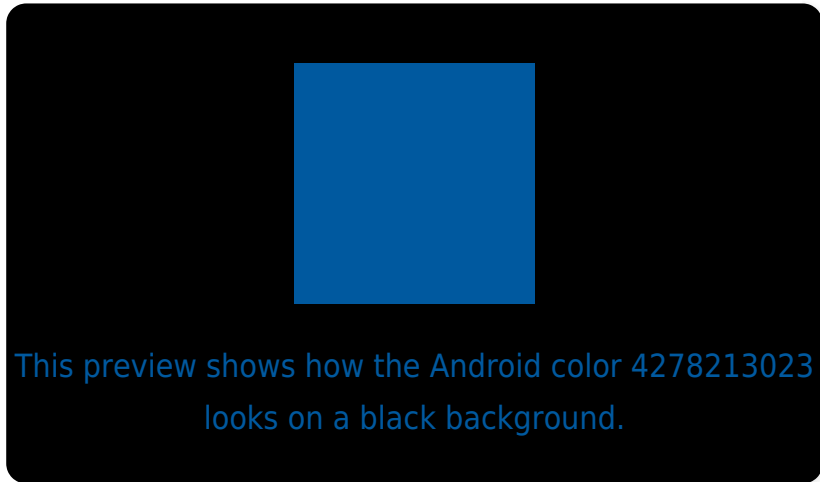
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213023 Background



This preview shows how black text looks on a background with the Android color 4278213023.



This preview shows how white text looks on a background with the Android color 4278213023.

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
4278213023

Protanomaly
4280506012

Deuteranomaly
4278213022

Tritanomaly
4278214268

Monochromacy



Original Color
4278213023

Achromatopsia
4282795590

Achromatomaly
4281159014

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213023 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, 89, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 159)  
}
```

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, 89, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 159) }
```

Border

The CSS property to change the border of an element to Android 4278213023 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, 89, 159) }
```

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

```
.border{ border-color:rgb(0, 89, 159) }
```

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

Here you see how a box with a 4 pixel rgb(0, 89, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 159)  
}
```

Background

The CSS property to change the background color of an element to Android 4278213023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 159) }
```

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

```
.background{ background-color: rgb(0, 89,  
159) }
```

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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