

Converting Colors

Android(4278218975)

Have a look what the booklet for
Android(4278218975) contains.

Android(4278218975)	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(4278218975)

Conversions

Conversions Part 1

Format	Color
Hex	0070DF
RGB	0, 112, 223
RGB Percent	0%, 44%, 87%
CMY	1.0000, 0.5608, 0.1255
CMYK	1.00, 0.50, 0.00, 0.13
HSL	210°, 100%, 44%
HSV	210°, 100%, 87%
XYZ	19.1135, 16.9161, 72.0698
YIQ	91.1660, -102.3830, 10.7770

Conversions

Conversions Part 2

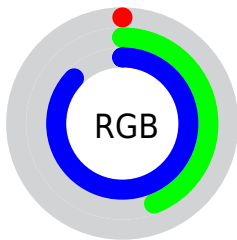
Format	Color
RYB	0, 75, 223
Decimal	28895
CIELab	48.15, 16.41, -63.69
CIELCh	48, 65.768, 284.447
Yxy	16.9161, 0.1768, 0.1565
Android (android.graphics.Color)	4278218975 (0xFF0070DF)
YUV	91.1660, 64.9942, -79.9526
Hunter-Lab	41.1291, 10.9762, -75.1023

Details

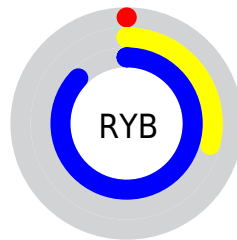
The Android color `4278218975` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292833024`, and the grayscale version is `4284177243`.

A 20% lighter version of the original color is `4285047807`, and `4278207143` is the 20% darker color. If you saturate the color by 10%, you get `4278218975`, and if you desaturate by 10%, it is `4279663583`.

Distribution



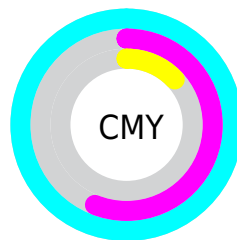
- Red (0%)
- Green (44%)
- Blue (87%)



- Red (0%)
- Yellow (29%)
- Blue (87%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (56%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218975 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 4278218975 by changing the saturation by 10% instead.

 4278218975

 4278218975

4294967295

 4278212803

 4285047807

 4278207143

 4287217407

 4278201740

 4289255935

 4278196850

 4291294975

 4278191704

 4293394431

 4278191936

 4278190889

 4278190355

 4278190080

■ 4278218975

■ 4279663583

■ 4281173727

■ 4282618335

■ 4284062943

■ 4285573343

■ 4287017951

■ 4288462559

■ 4289907167

■ 4291417311

Harmonies

Analogous

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



4278223326



4278218975



4287977154

Triad

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



4278218975



4291119909



4278225234

Complementary

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



4278218975



4292833024

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.



4281041686



4278218975



4288832768

Square

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



4278218975



4292031066



4285626368



4278225805

Rectangle

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



4278218975



4290396579



4285626368



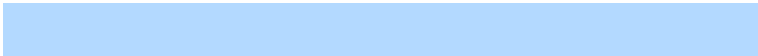
4278224959

Sweetspot

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



4278218975



4289976831



4278247276



4283591040



4278190080



4286611584

Same Dimension

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



4278218975



4278223103



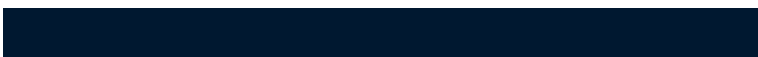
4278191327



4284836720



4278212784



4278196272

Inverse Universe

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



4292804720



4294901888



4292860672



4285556075



4289724504



4281335832

Previews

White Background



This preview shows how the Android color 4278218975 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



This preview shows how the Android color 4278218975 looks on a 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 4278218975 Background



This preview shows how black text looks on a background with the Android color 4278218975.



This preview shows how white text looks on a background with the Android color 4278218975.

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

4278218975

Protanopia

4281364189

Deuteranopia

4278219979

Trichromacy



Original Color
4278218975

Protanomaly
4280250334

Deuteranomaly
4278219730

Tritanomaly
4278221479

Monochromacy



Original Color
4278218975

Achromatopsia
4284177243

Achromatomaly
4282016651

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218975 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, 112, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 223)  
}
```

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, 112, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 223) }
```

Border

The CSS property to change the border of an element to Android 4278218975 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, 112, 223) }
```

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

```
.border{ border-color:rgb(0, 112, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4278218975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 223) }
```

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

```
.background{ background-color: rgb(0, 112,  
223) }
```

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