

Converting Colors

Android(4278876921)

Have a look what the booklet for
Android(4278876921) contains.

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Color

Android(4278876921)

Conversions

Conversions Part 1

Format	Color
Hex	0A7AF9
RGB	10, 122, 249
RGB Percent	4%, 48%, 98%
CMY	0.9608, 0.5216, 0.0235
CMYK	0.96, 0.51, 0.00, 0.02
HSL	212°, 95%, 51%
HSV	212°, 96%, 98%
XYZ	24.1836, 20.8232, 92.3672
YIQ	102.9900, -107.5190, 15.7530

Conversions

Conversions Part 2

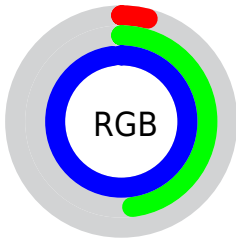
Format	Color
R _Y B	10, 86, 249
Decimal	686841
CIE Lab	52.76, 20.47, -70.78
CIE LCh	53, 73.686, 286.132
Yxy	20.8232, 0.1760, 0.1516
Android (android.graphics.Color)	4278876921 (0xFF0A7AF9)
YUV	102.9900, 71.9829, -81.5522
Hunter-Lab	45.6324, 14.7422, -88.0697

Details

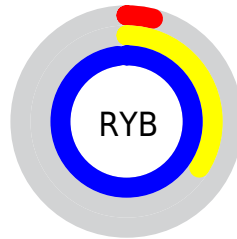
The Android color `4278876921` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark saturated azure. A complement of this color would be `4294543626`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285640447`, and `4278209472` is the 20% darker color. If you saturate the color by 10%, you get `4278220281`, and if you desaturate by 10%, it is `4280518649`.

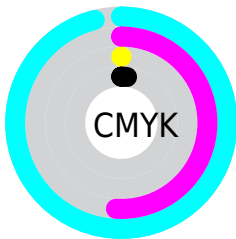
Distribution



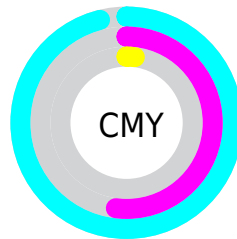
- Red (4%)
- Green (48%)
- Blue (98%)



- Red (4%)
- Yellow (34%)
- Blue (98%)



- Cyan (96%)
- Magenta (51%)
- Yellow (0%)
- Black (2%)



















- Cyan (96%)
- Magenta (52%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278876921 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 4278876921 by changing the saturation by 10% instead.

 4278876921	 4278876921
4294967295	 4278215388
 4285640447	 4278209472
 4287810047	 4278203812
 4289979903	 4278198921
 4292083711	 4278193775
 4294115327	 4278193237
	 4278191677
	 4278190886
	 4278190351

■ 4278876921

■ 4278876921

■ 4278220281

■ 4280518649

■ 4282160377

■ 4283802361

■ 4285444089

■ 4287020281

■ 4288662009

■ 4290303993

■ 4291945721

■ 4293587449

Harmonies

Analogous

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



4278226682



4278876921



4289354711

Triad

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



4278876921



4292432161



4278229085

Complementary

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



4278876921



4294543626

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.



4280259094



4278876921



4289753088

Square

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



4278876921



4293669471



4286154240



4278229663

Rectangle

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



4278876921



4291969714



4286154240



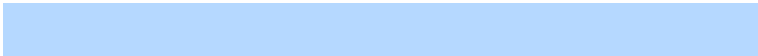
4278228551

Sweetspot

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



4278876921



4290107647



4278909317



4283656320



4278190080



4286611584

Same Dimension

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



4278876921



4278220799



4279110393



4285560445



4278212797



4278197565

Inverse Universe

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



4294511226



4294901879



4294310154



4286410870



4290576472



4282187805

Previews

White Background



This preview shows how the Android color 4278876921 looks on a white background.

Color Contrast Check

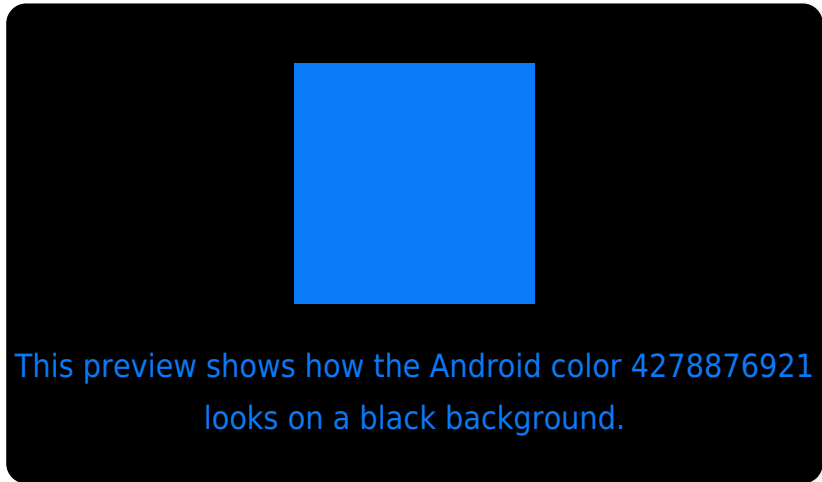
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

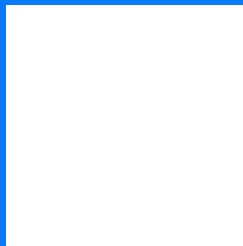
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278876921 Background



This preview shows how black text looks on a background with the Android color 4278876921.



This preview shows how white text looks on a background with the Android color 4278876921.

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

4278876921

Protanopia

4281039352

Deuteranopia

4278223070

Trichromacy



Original Color
4278876921

Protanomaly
4280252920

Deuteranomaly
4278484712

Tritanomaly
4278486457

Monochromacy



Original Color
4278876921

Achromatopsia
4284966759

Achromatomaly
4282740380

CSS Examples

Text

The CSS property to change the color of the text to Android 4278876921 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(10, 122, 249)` looks like.

```
.text, #text, p{  
    color:rgb(10, 122, 249)  
}
```

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(10, 122, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 122, 249) }
```

Border

The CSS property to change the border of an element to Android 4278876921 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(10, 122, 249) }
```

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

```
.border{ border-color:rgb(10, 122, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 122, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 122, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 122, 249);  
box-shadow:4px 4px 4px 4px rgb(10, 122,  
249) }
```

Background

The CSS property to change the background color of an element to Android 4278876921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 122, 249) }
```

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

```
.background{ background-color: rgb(10, 122,  
249) }
```

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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