

Converting Colors

Android(4279074046)

Have a look what the booklet for
Android(4279074046) contains.

Android(4279074046)	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>	28

Color

Android(4279074046)

Conversions

Conversions Part 1

Format	Color
Hex	0D7CFE
RGB	13, 124, 254
RGB Percent	5%, 49%, 100%
CMY	0.9490, 0.5137, 0.0039
CMYK	0.95, 0.51, 0.00, 0.00
HSL	212°, 99%, 52%
HSV	212°, 95%, 100%
XYZ	25.2630, 21.6566, 96.6146
YIQ	105.6310, -107.8860, 16.8980

Conversions

Conversions Part 2

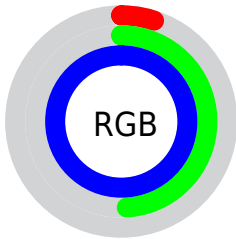
Format	Color
RYB	13, 89, 254
Decimal	883966
CIELab	53.66, 21.22, -72.08
CIELCh	54, 75.140, 286.401
Yxy	21.6566, 0.1760, 0.1509
Android (android.graphics.Color)	4279074046 (0xFF0D7CFE)
YUV	105.6310, 73.1459, -81.2374
Hunter-Lab	46.5367, 15.4618, -90.5160

Details

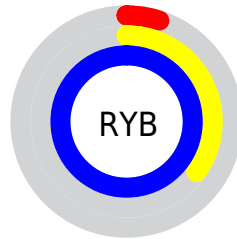
The Android color `4279074046` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark saturated azure. A complement of this color would be `4294872845`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285706495`, and `4278209988` is the 20% darker color. If you saturate the color by 10%, you get `4278220286`, and if you desaturate by 10%, it is `4280716030`.

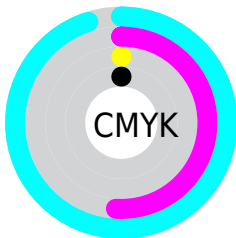
Distribution



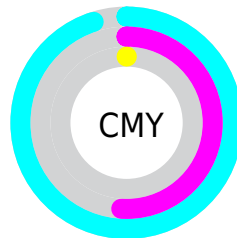
- Red (5%)
- Green (49%)
- Blue (100%)



- Red (5%)
- Yellow (35%)
- Blue (100%)



- Cyan (95%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279074046 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 4279074046 by changing the saturation by 10% instead.

 4279074046

 4279074046

4294967295

 4278215905

 4285706495

 4278209988

 4287941631

 4278204328

 4290111487

 4278199437

 4292214783

 4278194547

 4294311935

 4278193497

 4278191937

 4278190890

 4278190356

■ 4279074046

■ 4279074046

■ 4278220286

■ 4280716030

■ 4282423294

■ 4284065278

■ 4285772798

■ 4287414782

■ 4289056510

■ 4290764030

■ 4292406014

■ 4294113278

Harmonies

Analogous

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



4278227199



4279074046



4289617115

Triad

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



4279074046



4292694817



4278229855

Complementary

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



4279074046



4294872845

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.



4280063254



4279074046



4289950464

Square

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



4279074046



4293931616



4286220288



4278230179

Rectangle

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



4279074046



4292297397



4286220288



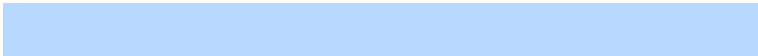
4278229321

Sweetspot

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



4279074046



4290304255



4279107214



4283721856



4278190080



4286611584

Same Dimension

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



4279074046



4278220287



4279569918



4285757824



4278212799



4278197568

Inverse Universe

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



4294839676



4294901877



4294376973



4286608249



4290707544



4282384413

Previews

White Background



This preview shows how the Android color 4279074046 looks on a white background.

Color Contrast Check

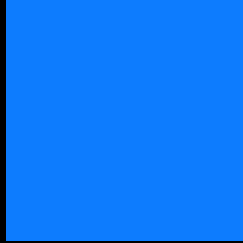
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4279074046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

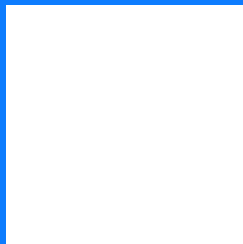
Any Text WCAG AAA × Fail

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

Android 4279074046 Background



This preview shows how black text looks on a background with the Android color 4279074046.

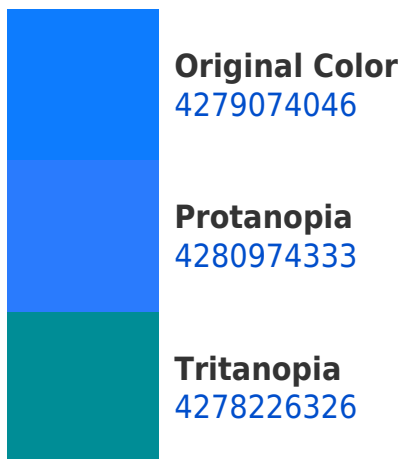


This preview shows how white text looks on a background with the Android color 4279074046.

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
4279074046

Protanomaly
4280253437

Tritanomaly
4278552508

Monochromacy



Original Color
4279074046

Achromatopsia
4285164138

Achromatomaly
4282937760

CSS Examples

Text

The CSS property to change the color of the text to Android 4279074046 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(13, 124, 254)` looks like.

```
.text, #text, p{  
    color:rgb(13, 124, 254)  
}
```

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(13, 124, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 124, 254) }
```

Border

The CSS property to change the border of an element to Android 4279074046 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(13, 124, 254) }
```

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

```
.border{ border-color:rgb(13, 124, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 124, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 124, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 124, 254);  
box-shadow:4px 4px 4px 4px rgb(13, 124,  
254) }
```

Background

The CSS property to change the background color of an element to Android 4279074046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 124, 254) }
```

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

```
.background{ background-color: rgb(13, 124,  
254) }
```

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