

Converting Colors

Android(4279472101)

Have a look what the booklet for
Android(4279472101) contains.

Android(4279472101)	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(4279472101)

Conversions

Conversions Part 1

Format	Color
Hex	138FE5
RGB	19, 143, 229
RGB Percent	7%, 56%, 90%
CMY	0.9255, 0.4392, 0.1020
CMYK	0.92, 0.38, 0.00, 0.10
HSL	205°, 85%, 49%
HSV	205°, 92%, 90%
XYZ	24.2339, 25.4405, 77.7620
YIQ	115.7280, -101.5100, 0.4580

Conversions

Conversions Part 2

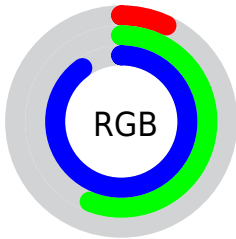
Format	Color
R_{YB}	19, 97, 229
Decimal	1282021
CIE _{Lab}	57.50, 0.23, -52.04
CIE _{LCh}	58, 52.045, 270.257
Yxy	25.4405, 0.1902, 0.1996
Android (android.graphics.Color)	4279472101 (0xFF138FE5)
YUV	115.7280, 55.8431, -84.8305
Hunter-Lab	50.4386, -2.5049, -56.1013

Details

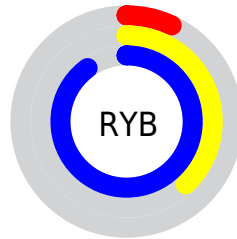
The Android color `4279472101` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4293224723`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285383935`, and `4278214061` is the 20% darker color. If you saturate the color by 10%, you get `4278224869`, and if you desaturate by 10%, it is `4280981733`.

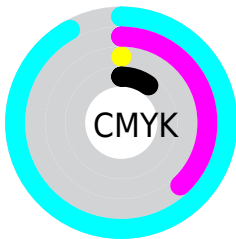
Distribution



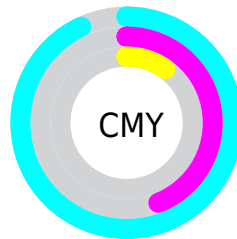
- Red (7%)
- Green (56%)
- Blue (90%)



- Red (7%)
- Yellow (38%)
- Blue (90%)



- Cyan (92%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)



- Cyan (93%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279472101 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 4279472101 by changing the saturation by 10% instead.

 4279472101

 4279472101

4294967295

 4278220489

 4285383935


 4278214061

 4287488255

 4278208146

 4289592831

 4278202744

 4291624959

 4278197598

 4293656575

 4278192198

 4278191151

 4278190361

 4278190080

■ 4279472101

■ 4279472101

■ 4278224869

■ 4280981733

■ 4282491621

■ 4284001253

■ 4285511141

■ 4287020773

■ 4288464869

■ 4289974757

■ 4291484389

■ 4292994021

Harmonies

Analogous

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



4278229720



4279472101



4287397593

Triad

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



4279472101



4292568671



4281572699

Complementary

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



4279472101



4293224723

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.



4285895990



4279472101



4291196731

Square

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



4279472101



4292567436



4288841768



4278231177

Rectangle

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



4279472101



4289950149



4288841768



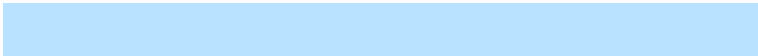
4283341645

Sweetspot

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



4279472101



4290306815



4279493991



4283723392



4278190080



4286611584

Same Dimension

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



4279472101



4278228991



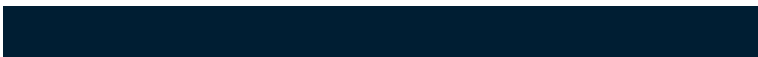
4279445733



4284968563



4278217139



4278197811

Inverse Universe

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



4293202831



4294901911



4293251091



4285753198



4289921129



4281532446

Previews

White Background



This preview shows how the Android color 4279472101 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 4279472101 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

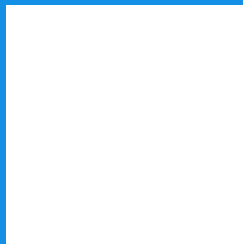
Any Text WCAG AAA × Fail

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

Android 4279472101 Background



This preview shows how black text looks on a background with the Android color 4279472101.



This preview shows how white text looks on a background with the Android color 4279472101.

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
4279472101

Protanomaly
4282943968

Deuteranomaly
4281699558

Tritanomaly
4278687163

Monochromacy



Original Color
4279472101

Achromatopsia
4285822068

Achromatomaly
4283530909

CSS Examples

Text

The CSS property to change the color of the text to Android 4279472101 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(19, 143, 229)` looks like.

```
.text, #text, p{  
    color:rgb(19, 143, 229)  
}
```

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(19, 143, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 143, 229) }
```

Border

The CSS property to change the border of an element to Android 4279472101 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(19, 143, 229) }
```

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

```
.border{ border-color:rgb(19, 143, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 143, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 143, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 143, 229);  
box-shadow:4px 4px 4px 4px rgb(19, 143,  
229) }
```

Background

The CSS property to change the background color of an element to Android 4279472101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 143, 229) }
```

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

```
.background{ background-color: rgb(19, 143,  
229) }
```

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