

# Converting Colors

Android(4280204799)

Have a look what the booklet for  
Android(4280204799) contains.

<b>Android(4280204799)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4280204799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EBDFF
RGB	30, 189, 255
RGB Percent	12%, 74%, 100%
CMY	0.8824, 0.2588, 0.0000
CMYK	0.88, 0.26, 0.00, 0.00
HSL	198°, 100%, 56%
HSV	198°, 88%, 100%
XYZ	36.7830, 43.8912, 101.1409
YIQ	148.9830, -115.9500, -13.1820

# Conversions

## Conversions Part 2

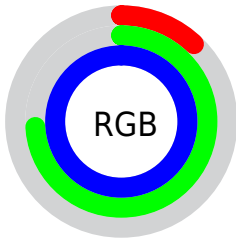
Format	Color
<a href="#">RYB</a>	<a href="#">30, 123, 255</a>
Decimal	<a href="#">2014719</a>
CIELab	<a href="#">72.16, -15.61, -43.15</a>
CIELCh	<a href="#">72, 45.888, 250.107</a>
Yxy	<a href="#">43.8912, 0.2023, 0.2414</a>
Android (android.graphics.Color)	<a href="#">4280204799</a> ( <a href="#">0xFF1EBDFF</a> )
YUV	<a href="#">148.9830, 52.2664, -104.3481</a>
Hunter-Lab	<a href="#">66.2504, -16.8330, -44.1395</a>

# Details

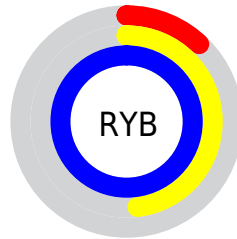
The Android color `4280204799` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed azure. A complement of this color would be `4294926366`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286117375`, and `4278225094` is the 20% darker color. If you saturate the color by 10%, you get `4278564607`, and if you desaturate by 10%, it is `4281910527`.

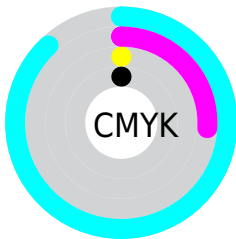
# Distribution



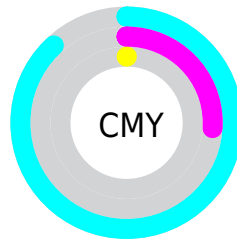
- Red (12%)
- Green (74%)
- Blue (100%)



- Red (12%)
- Yellow (48%)
- Blue (100%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280204799 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 4280204799 by changing the saturation by 10% instead.



 4280204799

 4280204799

4294967295

 4278231778

 4286117375

 4278225094

 4288282623

 4278218410

 4290379775

 4278212240

 4292476927

 4278206326

 4294574079

 4278200669

 4278195269

 4278190894

 4278190360

■ 4280204799

■ 4280204799

■ 4278564607

■ 4281910527

■ 4278236415

■ 4283550975

■ 4285191167

■ 4286897151

■ 4288602879

■ 4290243327

■ 4291949055

■ 4293589503

4294967295

# Harmonies

## Analogous

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



4278240486



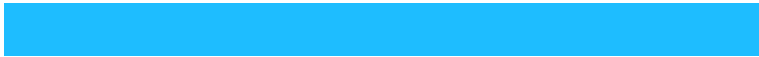
4280204799



4287148287

# Triad

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



4280204799



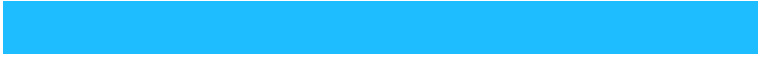
4294938532



4287676015

# Complementary

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



4280204799



4294926366

# 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.



4290622300



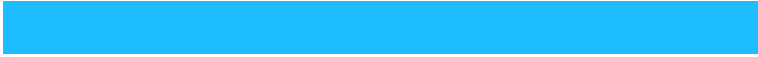
4280204799



4294678141

# Square

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



4280204799



4293956558



4293043554



4283942291

# Rectangle

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



4280204799



4290094841



4293043554



4288723814

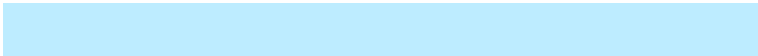


# Sweetspot

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



4280204799



4290637055



4280221534



4283987072



4278190080



4286611584

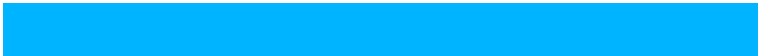


# Same Dimension

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



4280204799



4278236415



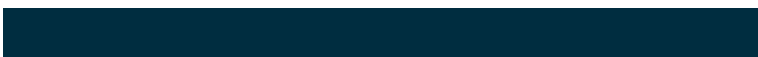
4280176639



4285758592



4278224831



4278201664



# Inverse Universe

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



4294909629



4294901940



4294954526



4286608252



4290707591

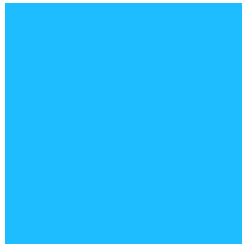


4282384429



# Previews

## White Background



This preview shows how the Android color 4280204799 looks on a white background.

## Color Contrast Check

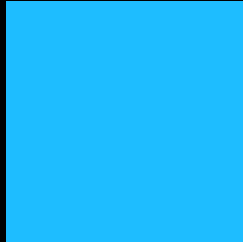
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4280204799 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 ✓ Pass

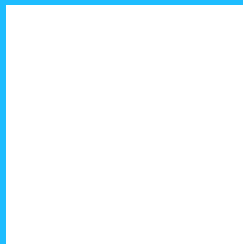
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280204799 Background



This preview shows how black text looks on a background with the Android color 4280204799.



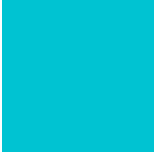
This preview shows how white text looks on a background with the Android color 4280204799.

# 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





**Tritanopia**  
4278240210

# Trichromacy



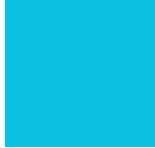
**Original Color**  
4280204799



**Protanomaly**  
4285445111



**Deuteranomaly**  
4284855295



**Tritanomaly**  
4278960610

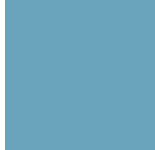
# Monochromacy



**Original Color**  
4280204799



**Achromatopsia**  
4287993237



**Achromatomaly**  
4285179068

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280204799 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(30, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(30, 189, 255)  
}
```

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(30, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 189, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280204799 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(30, 189, 255) }
```

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

```
.border{ border-color:rgb(30, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(30, 189,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280204799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 189, 255) }
```

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

```
.background{ background-color: rgb(30, 189,  
255) }
```

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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