

Converting Colors

Android(4280193279)

Have a look what the booklet for
Android(4280193279) contains.

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Color

Android(4280193279)

Conversions

Conversions Part 1

Format	Color
Hex	1E90FF
RGB	30, 144, 255
RGB Percent	12%, 56%, 100%
CMY	0.8824, 0.4353, 0.0000
CMYK	0.88, 0.44, 0.00, 0.00
HSL	210°, 100%, 56%
HSV	210°, 88%, 100%
XYZ	28.5587, 27.4425, 98.3995
YIQ	122.5680, -103.5750, 10.3530

Conversions

Conversions Part 2

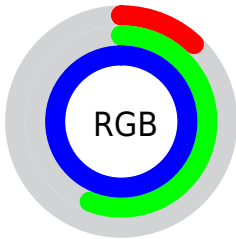
Format	Color
R _Y B	30, 106, 255
Decimal	2003199
CIE Lab	59.38, 9.97, -63.39
CIE LCh	59, 64.174, 278.937
Yxy	27.4425, 0.1850, 0.1777
Android (android.graphics.Color)	4280193279 (0xFF1E90FF)
YUV	122.5680, 65.2890, -81.1821
Hunter-Lab	52.3856, 5.6367, -74.6985

Details

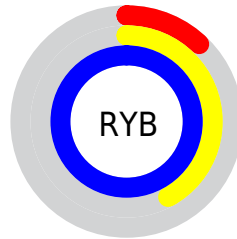
The Android color `4280193279` is a dark color, and the websafe version is hex `3399FF`, and the color name is `dodgerblue`. The color can be described as middle washed azure. A complement of this color would be `4294937886`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4285974015`, and `4278214597` is the 20% darker color. If you saturate the color by 10%, you get `4278551551`, and if you desaturate by 10%, it is `4281900543`.

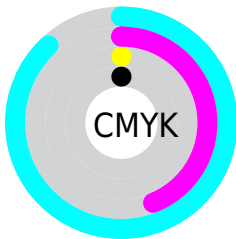
Distribution



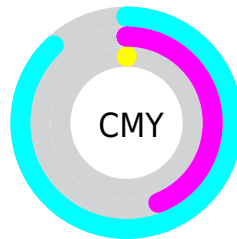
- Red (12%)
- Green (56%)
- Blue (100%)



- Red (12%)
- Yellow (42%)
- Blue (100%)



- Cyan (88%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280193279 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 4280193279 by changing the saturation by 10% instead.

 4280193279

 4280193279

4294967295

 4278220770

 4285974015

 4278214597

 4288209407

 4278208682

 4290313727

 4278203279

 4292411391

 4278198132

 4294443007

 4278192219

 4278191938

 4278190891

 4278190358

■ 4280193279

■ 4280193279

■ 4278551551

■ 4281900543

■ 4278223359

■ 4283542015

■ 4285183743

■ 4286890751

■ 4288598015

■ 4290239487

■ 4291946751

■ 4293588479

4294967295

Harmonies

Analogous

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



4278231288



4280193279



4289100007

Triad

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



4280193279



4293616971



4278232932

Complementary

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



4280193279



4294937886

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.



4284391214



4280193279



4291460380

Square

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



4280193279



4294203008



4288385536



4278233503

Rectangle

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



4280193279



4291913674



4288385536



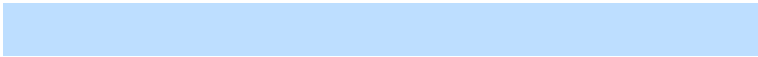
4278494545

Sweetspot

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



4280193279



4290633471



4280221579



4283985024



4278190080



4286611584

Same Dimension

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



4280193279



4278223359



4280165119



4285757824



4278215103



4278198336

Inverse Universe

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



4294909584



4294901889



4294966046



4286608249



4290707553



4282384416

Previews

White Background



This preview shows how the Android color 4280193279 looks on a white background.

Color Contrast Check

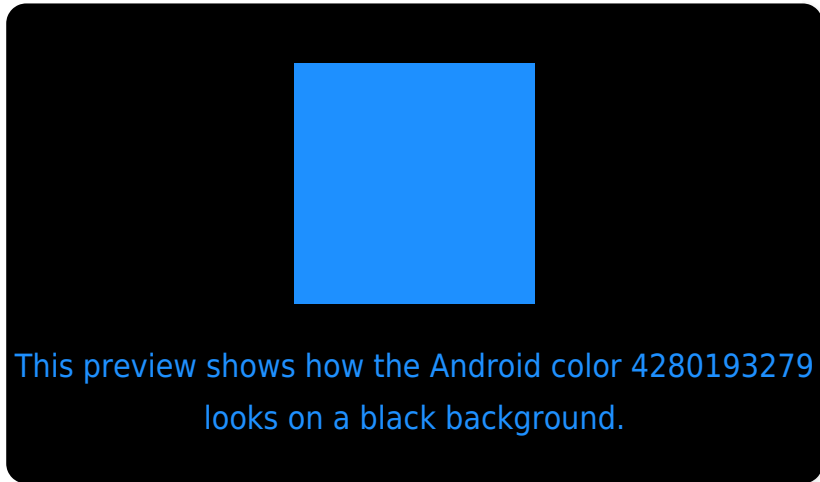
Large Text (above 18pt) WCAG AA ✓ Pass

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

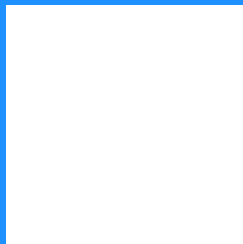
Any Text WCAG AAA × Fail

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

Android 4280193279 Background



This preview shows how black text looks on a background with the Android color 4280193279.



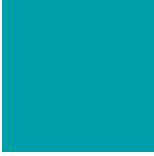
This preview shows how white text looks on a background with the Android color 4280193279.

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
4280193279

Protanomaly
4282748155

Deuteranomaly
4279931135

Tritanomaly
4278950344

Monochromacy



Original Color
4280193279

Achromatopsia
4286282619

Achromatomaly
4284056491

CSS Examples

Text

The CSS property to change the color of the text to Android 4280193279 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, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(30, 144, 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, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 144, 255) }
```

Border

The CSS property to change the border of an element to Android 4280193279 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, 144, 255) }
```

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

```
.border{ border-color:rgb(30, 144, 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, 144, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(30, 144,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280193279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 144, 255) }
```

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

```
.background{ background-color: rgb(30, 144,  
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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