

Converting Colors

Android(4280344831)

Have a look what the booklet for
Android(4280344831) contains.

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Color

Android(4280344831)

Conversions

Conversions Part 1

Format	Color
Hex	20E0FF
RGB	32, 224, 255
RGB Percent	13%, 88%, 100%
CMY	0.8745, 0.1216, 0.0000
CMYK	0.87, 0.12, 0.00, 0.00
HSL	188°, 100%, 56%
HSV	188°, 87%, 100%
XYZ	45.3013, 60.8384, 103.9631
YIQ	170.1260, -124.3830, -31.0630

Conversions

Conversions Part 2

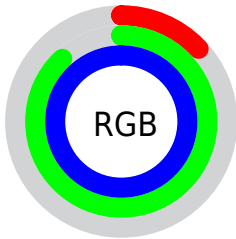
Format	Color
R _Y B	32, 135, 255
Decimal	2154751
CIE Lab	82.29, -33.11, -27.47
CIE LCh	82, 43.020, 219.687
Yxy	60.8384, 0.2156, 0.2896
Android (android.graphics.Color)	4280344831 (0xFF20E0FF)
YUV	170.1260, 41.8429, -121.1365
Hunter-Lab	77.9990, -32.8265, -24.4271

Details

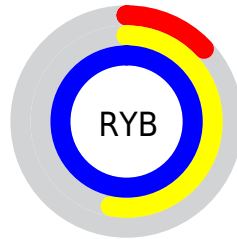
The Android color `4280344831` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294917920`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4286316543`, and `4278233286` is the 20% darker color. If you saturate the color by 10%, you get `4278705407`, and if you desaturate by 10%, it is `4281984255`.

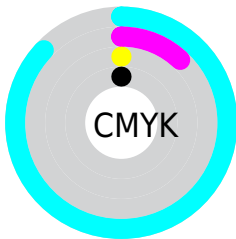
Distribution



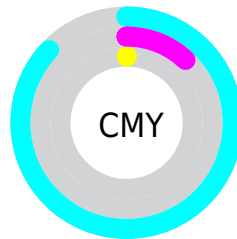
- Red (13%)
- Green (88%)
- Blue (100%)



- Red (13%)
- Yellow (53%)
- Blue (100%)



- Cyan (87%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280344831 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 4280344831 by changing the saturation by 10% instead.

 4280344831

 4280344831

4294967295

 4278240482

 4286316543

 4278233286

 4288544767

 4278226603

 4290707455

 4278219920

 4292804607

 4278213495

 4278207070

 4278201414

 4278194736

 4278190362

■ 4280344831

■ 4280344831

■ 4278705407

■ 4281984255

■ 4278246655

■ 4283688959

■ 4285328383

■ 4287033087

■ 4288738047

■ 4290377215

■ 4292082175

■ 4293721343

4294967295

Harmonies

Analogous

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



4282639065



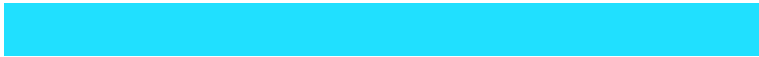
4280344831



4284602879

Triad

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



4280344831



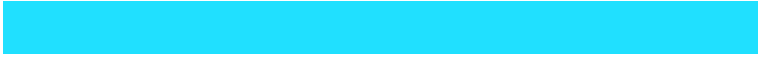
4294947306



4292595580

Complementary

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



4280344831



4294917920

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.



4294951297



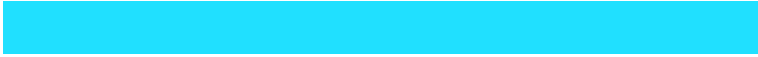
4280344831



4294946241

Square

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



4280344831



4293049855



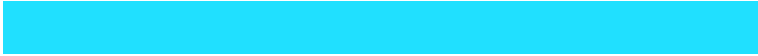
4294947995



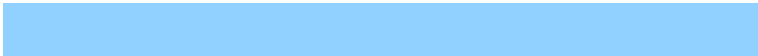
4289649037

Rectangle

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



4280344831



4287746559



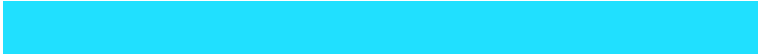
4294947995



4293446267

Sweetspot

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



4280344831



4290639615



4280352574



4283988608



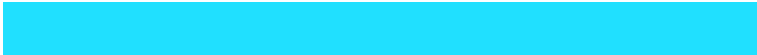
4278190080



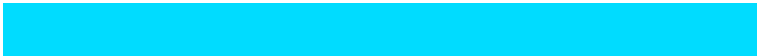
4286611584

Same Dimension

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



4280344831



4278246655



4280316671



4285759104



4278232511



4278204224

Inverse Universe

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



4294910176



4294901980



4294946080



4286608254



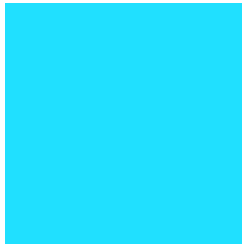
4290707621



4282384439

Previews

White Background



This preview shows how the Android color 4280344831 looks on a white background.

Color Contrast Check

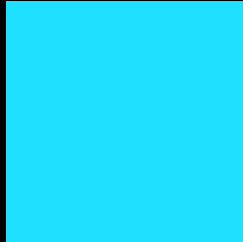
Large Text (above 18pt) WCAG AA × Fail

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 4280344831 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 4280344831 Background



This preview shows how black text looks on a background with the Android color 4280344831.



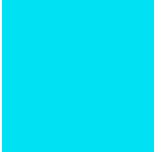
This preview shows how white text looks on a background with the Android color 4280344831.

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
4278248180

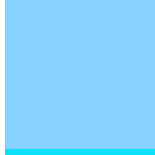
Trichromacy



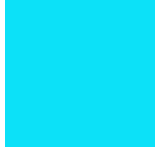
Original Color
4280344831



Protanomaly
4287156725



Deuteranomaly
4287025663

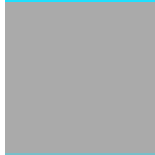


Tritanomaly
4279034360

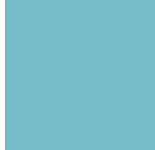
Monochromacy



Original Color
4280344831



Achromatopsia
4289374890



Achromatomaly
4286103241

CSS Examples

Text

The CSS property to change the color of the text to Android 4280344831 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(32, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(32, 224, 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(32, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 224, 255) }
```

Border

The CSS property to change the border of an element to Android 4280344831 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(32, 224, 255) }
```

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

```
.border{ border-color:rgb(32, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(32, 224,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280344831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 224, 255) }
```

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

```
.background{ background-color: rgb(32, 224,  
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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