Converting Colors

Android(4280150015)

Have a look what the booklet for Android(4280150015) contains.

Color

Android(4280150015)

Conversions

Conversions Part 1

Format	Color
Hex	1DE7FF
RGB	29, 231, 255
RGB Percent	11%, 91%, 100%
CMY	0.8863, 0.0941, 0.0000
CMYK	0.89, 0.09, 0.00, 0.00
HSL	186°, 100%, 56%
HSV	186°, 89%, 100%
XYZ	47.1326, 64.6330, 104.5990
YIQ	173.3380, -128.0960, -35.3600

Conversions

Conversions Part 2

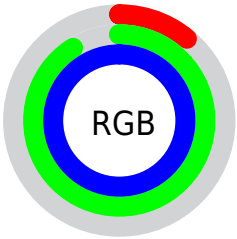
Format	Color
RYB	29, 136, 255
Decimal	1959935
CIELab	84.29, -36.54, -24.42
CIELCh	84, 43.952, 213.753
Yxy	64.6330, 0.2178, 0.2987
Android (android.graphics.Color)	4280150015 (0xFF1DE7FF)
YUV	173.3380, 40.2594, -126.5844
Hunter-Lab	80.3947, -36.0423, -20.8641

Details

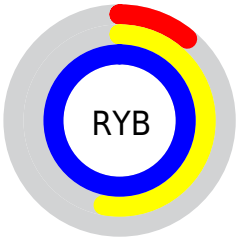
The Android color 4280150015 is a light color, and the websafe version is hex 66FFFF. The color can be described as light washed cyan. A complement of this color would be 4294915357, and the grayscale version is 4289572269.

A 20% lighter version of the original color is 4286316543, and 4278235078 is the 20% darker color. If you saturate the color by 10%, you get 4278510847, and if you desaturate by 10%, it is 4281854719.

Distribution

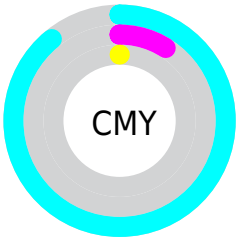


- Red (11%)
- Green (91%)
- Blue (100%)



- Red (11%)
- Yellow (53%)
- Blue (100%)

- Cyan (89%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280150015 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 4280150015 by changing the saturation by 10% instead.

4280150015

4294967295

4286316543

4288610303

4290772991

4292870143

4280150015

4278242274

4278235078

4278228139

4278221456

4278214775

4278208606

4278202438

4278196784

4278190363

4280150015

4278510847

4278248703

4280150015

4281854719

4283493631

4285198335

4286837503

4288542207

4290181119

4291885823

4293524991

4294967295

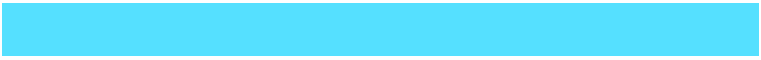
Harmonies

Analogous

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

4283558358

4280150015



4283818239

Triad

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

4280150015

4294949112

4293513855

Complementary

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

4280150015

4294915357

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.

4294951817

4280150015

4294947535

Square

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

4280150015

4292790015

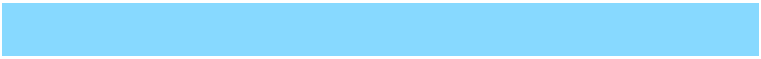
4294948774

4290633356

Rectangle

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

4280150015



4287093247

4294948774

4294364543

Sweetspot

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

4280150015

4290443519

4280155956

4283923328

4278190080

4286611584

Same Dimension

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

4280150015

4278248703

4280121343

4285759104

4278234047

4278204736

Inverse Universe

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

4294909415

4294901988

4294944029

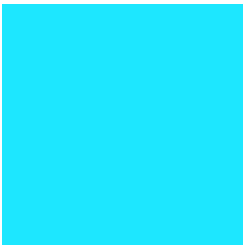
4286608254

4290707627

4282384441

Previews

White Background

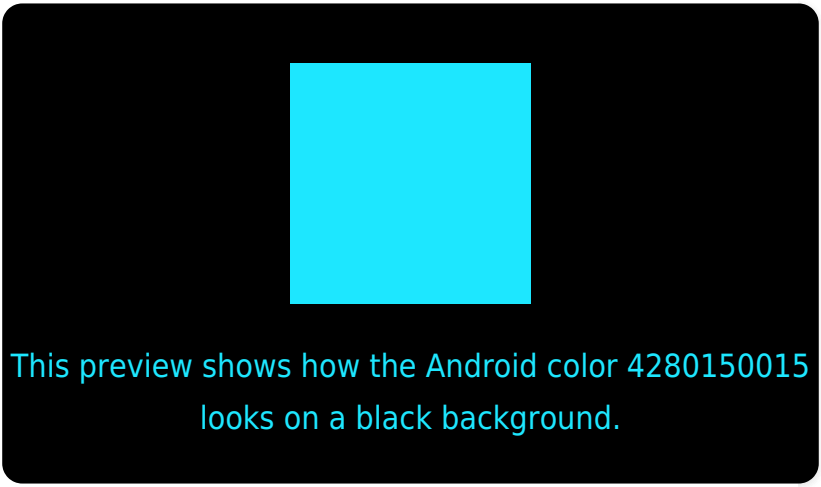


This preview shows how the Android color 4280150015 looks on a white background.

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



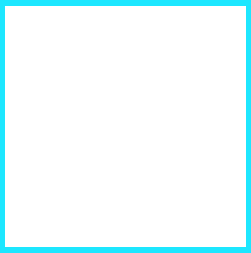
Color Contrast Check

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 4280150015 Background

This preview shows how black text looks on a background with the Android color 4280150015.



This preview shows how white text looks on a background with the Android color 4280150015.

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

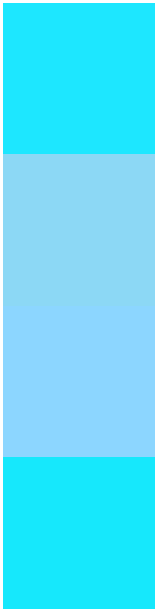
Original Color
4280150015

Protanopia
4291547119

Deuteranopia
4291546623

Tritanopia
4279429371

Trichromacy



Original Color
4280150015

Protanomaly
4287420661

Deuteranomaly
4287420159

Tritanomaly
4279691516

Monochromacy

Original Color
4280150015

Achromatopsia
4289572269

Achromatomaly
4286169803

CSS Examples

Text

The CSS property to change the color of the text to Android 4280150015 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(29, 231, 255) looks like.

```
.text, #text, p{
    color:rgb(29, 231, 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(29, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 231, 255) }
```

Border

The CSS property to change the border of an element to Android 4280150015 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(29, 231, 255) }
```

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

```
.border{ border-color:rgb(29, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(29, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(29, 231, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(29, 231, 255); box-shadow:4px 4px 4px 4px rgb(29, 231, 255) }
```

Background

The CSS property to change the background color of an element to Android 4280150015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(29, 231, 255) }
```

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

```
.background{ background-color:rgb(29, 231,
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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