

Converting Colors

Android(4280202461)

Have a look what the booklet for
Android(4280202461) contains.

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Color

Android(4280202461)

Conversions

Conversions Part 1

Format	Color
Hex	1EB4DD
RGB	30, 180, 221
RGB Percent	12%, 71%, 87%
CMY	0.8824, 0.2941, 0.1333
CMYK	0.86, 0.19, 0.00, 0.13
HSL	193°, 76%, 49%
HSV	193°, 86%, 87%
XYZ	29.9078, 38.1390, 74.1919
YIQ	139.8240, -102.5610, -19.0490

Conversions

Conversions Part 2

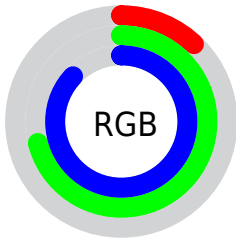
Format	Color
RYB	30, 114, 221
Decimal	2012381
CIELab	68.12, -22.52, -30.95
CIElCh	68, 38.276, 233.968
Yxy	38.1390, 0.2103, 0.2681
Android (android.graphics.Color)	4280202461 (0xFF1EB4DD)
YUV	139.8240, 40.0198, -96.3156
Hunter-Lab	61.7568, -21.6296, -27.9986

Details

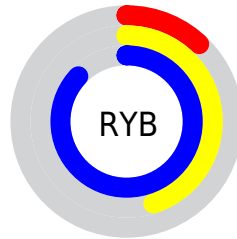
The Android color `4280202461` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292691742`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285656319`, and `4278222758` is the 20% darker color. If you saturate the color by 10%, you get `4278759389`, and if you desaturate by 10%, it is `4281645533`.

Distribution



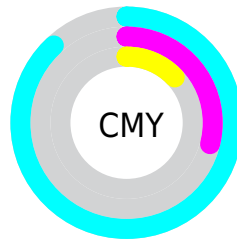
- Red (12%)
- Green (71%)
- Blue (87%)



- Red (12%)
- Yellow (45%)
- Blue (87%)



- Cyan (86%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)



- Cyan (88%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280202461 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 4280202461 by changing the saturation by 10% instead.



4280202461



4280202461

4294967295



4278229441



4285656319



4278222758



4287758335



4278216331



4289789951



4278210162



4291821567



4278204249



4293853183



4278198849



4278190891



4278190357



4278190080

■ 4280202461

■ 4280202461

■ 4278759389

■ 4281645533

■ 4278234845

■ 4283088349

■ 4284531421

■ 4285974493

■ 4287483101

■ 4288925917

■ 4290368989

■ 4291812061

■ 4293255133

Harmonies

Analogous

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



4278237377



4280202461



4284919018

Triad

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



4280202461



4293168302



4288719974

Complementary

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



4280202461



4292691742

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.



4291011169



4280202461



4293496204

Square

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



4280202461



4291531727



4292712047



4286100604

Rectangle

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



4280202461



4287538409



4292712047



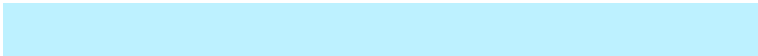
4289571170

Sweetspot

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



4280202461



4290638335



4280212804



4283987840



4278190080



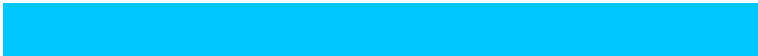
4286611584

Same Dimension

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



4280202461



4278241535



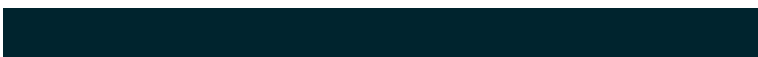
4280178653



4284705646



4278225069



4278199342

Inverse Universe

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



4292681396



4294901960



4292715550



4285424491



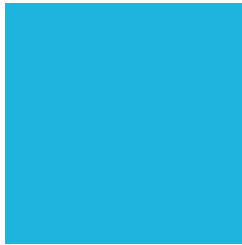
4289527944



4281204772

Previews

White Background



This preview shows how the Android color 4280202461 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 4280202461 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 4280202461 Background



This preview shows how black text looks on a background with the Android color 4280202461.



This preview shows how white text looks on a background with the Android color 4280202461.

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

4280202461



Protanomaly

4285311445



Deuteranomaly

4285049312



Tritanomaly

4278957774

Monochromacy



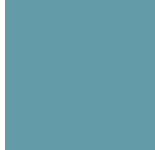
Original Color

4280202461



Achromatopsia

4287401100



Achromatomaly

4284783529

CSS Examples

Text

The CSS property to change the color of the text to Android 4280202461 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, 180, 221)` looks like.

```
.text, #text, p{  
    color:rgb(30, 180, 221)  
}
```

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, 180, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 180, 221) }
```

Border

The CSS property to change the border of an element to Android 4280202461 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, 180, 221) }
```

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

```
.border{ border-color:rgb(30, 180, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 180, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 180, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 180, 221);  
box-shadow:4px 4px 4px 4px rgb(30, 180,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4280202461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 180, 221) }
```

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

```
.background{ background-color: rgb(30, 180,  
221) }
```

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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