

Converting Colors

Android(4280532971)

Have a look what the booklet for
Android(4280532971) contains.

Android(4280532971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280532971)

Conversions

Conversions Part 1

Format	Color
Hex	23BFEB
RGB	35, 191, 235
RGB Percent	14%, 75%, 92%
CMY	0.8627, 0.2510, 0.0784
CMYK	0.85, 0.19, 0.00, 0.08
HSL	193°, 83%, 53%
HSV	193°, 85%, 92%
XYZ	34.3193, 43.6171, 85.2074
YIQ	149.3720, -107.1000, -19.3880

Conversions

Conversions Part 2

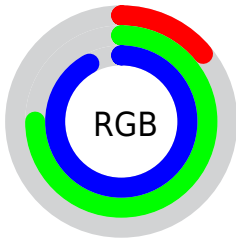
Format	Color
R _Y B	35, 123, 235
Decimal	2342891
CIE Lab	71.97, -23.15, -32.63
CIE LCh	72, 40.004, 234.650
Yxy	43.6171, 0.2104, 0.2674
Android (android.graphics.Color)	4280532971 (0xFF23BFEB)
YUV	149.3720, 42.2146, -100.3042
Hunter-Lab	66.0432, -22.8182, -30.2643

Details

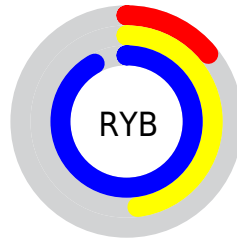
The Android color `4280532971` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed azure. A complement of this color would be `4293611299`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4285987071`, and `4278225331` is the 20% darker color. If you saturate the color by 10%, you get `4279024363`, and if you desaturate by 10%, it is `4282107115`.

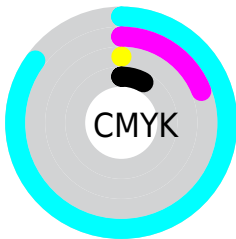
Distribution



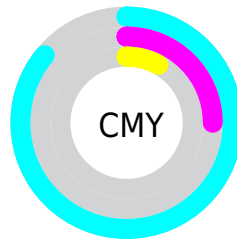
- Red (14%)
- Green (75%)
- Blue (92%)



- Red (14%)
- Yellow (48%)
- Blue (92%)



- Cyan (85%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (86%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280532971 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 4280532971 by changing the saturation by 10% instead.



4280532971



4280532971

4294967295



4278232271



4285987071



4278225331



4288151551



4278218904



4290183167



4278212478



4292280319



4278206565



4294311935



4278200653



4278194486



4278190624



4278190084

■ 4280532971

■ 4280532971

■ 4279024363

■ 4282107115

■ 4278237163

■ 4283615723

■ 4285190123

■ 4286698731

■ 4288272875

■ 4289781483

■ 4291355627

■ 4292864235

■ 4294438635

Harmonies

Analogous

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



4278240206



4280532971



4285445881

Triad

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



4280532971



4294087864



4289312621

Complementary

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



4280532971



4293611299

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.



4291734631



4280532971



4294416020

Square

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



4280532971



4292386011



4293566326



4286562181

Rectangle

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



4280532971



4288196343



4293566326



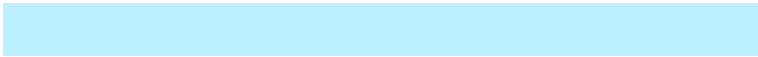
4290163816

Sweetspot

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



4280532971



4290638079



4280544078



4283987840



4278190080



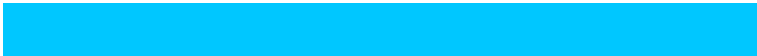
4286611584

Same Dimension

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



4280532971



4278241279



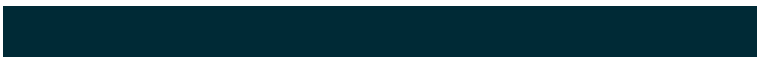
4280507627



4285166453



4278226357



4278200886

Inverse Universe

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



4293600191



4294901959



4293636643



4285885043



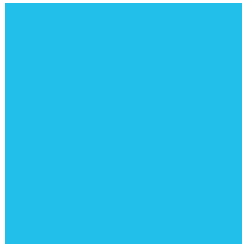
4290052237



4281729066

Previews

White Background



This preview shows how the Android color 4280532971 looks on a white background.

Color Contrast Check

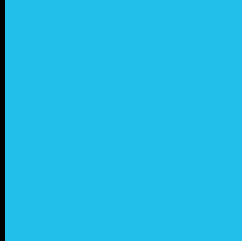
Large Text (above 18pt) WCAG AA × Fail

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 4280532971 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 4280532971 Background



This preview shows how black text looks on a background with the Android color 4280532971.



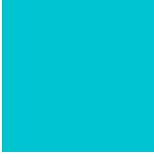
This preview shows how white text looks on a background with the Android color 4280532971.

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



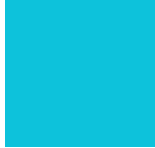
Original Color
4280532971



Protanomaly
4285838563



Deuteranomaly
4285510894



Tritanomaly
4279091931

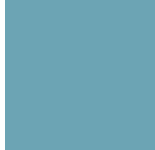
Monochromacy



Original Color
4280532971



Achromatopsia
4287993237



Achromatomaly
4285310132

CSS Examples

Text

The CSS property to change the color of the text to Android 4280532971 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(35, 191, 235)` looks like.

```
.text, #text, p{  
    color:rgb(35, 191, 235)  
}
```

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(35, 191, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 191, 235) }
```

Border

The CSS property to change the border of an element to Android 4280532971 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(35, 191, 235) }
```

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

```
.border{ border-color:rgb(35, 191, 235) }
```

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

Here you see how a box with a 4 pixel rgb(35, 191, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 191, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 191, 235);  
box-shadow:4px 4px 4px 4px rgb(35, 191,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4280532971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 191, 235) }
```

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

```
.background{ background-color: rgb(35, 191,  
235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor