

Converting Colors

Android(4280547016)

Have a look what the booklet for
Android(4280547016) contains.

Android(4280547016)	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(4280547016)

Conversions

Conversions Part 1

Format	Color
Hex	23F6C8
RGB	35, 246, 200
RGB Percent	14%, 96%, 78%
CMY	0.8627, 0.0353, 0.2157
CMYK	0.86, 0.00, 0.19, 0.04
HSL	167°, 92%, 55%
HSV	167°, 86%, 96%
XYZ	44.0742, 70.4390, 65.9167
YIQ	177.6670, -110.9900, -59.0380

Conversions

Conversions Part 2

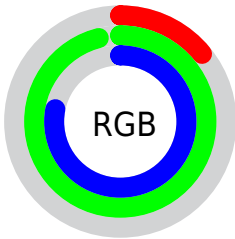
Format	Color
R_{YB}	35, 153, 246
Decimal	2356936
CIE _{Lab}	87.21, -57.87, 8.76
CIE _{LCh}	87, 58.531, 171.391
Yxy	70.4390, 0.2443, 0.3904
Android (android.graphics.Color)	4280547016 (0xFF23F6C8)
YUV	177.6670, 11.0102, -125.1190
Hunter-Lab	83.9279, -53.1357, 12.1834

Details

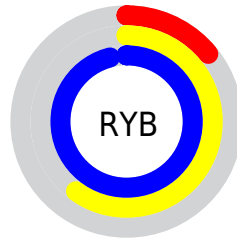
The Android color `4280547016` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294320977`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4286251007`, and `4278238354` is the 20% darker color. If you saturate the color by 10%, you get `4278908611`, and if you desaturate by 10%, it is `4282185421`.

Distribution



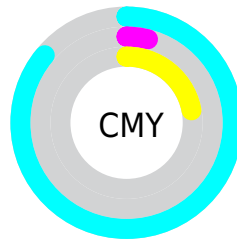
- Red (14%)
- Green (96%)
- Blue (78%)



- Red (14%)
- Yellow (60%)
- Blue (96%)



- Cyan (86%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (86%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280547016 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 4280547016 by changing the saturation by 10% instead.

 4280547016

 4280547016

4294967295

 4278245805

 4286251007

 4278238354

 4288479231

 4278231416

 4290576383

 4278224224

 4292673535

 4278217544

 4294770687


 4278210865

 4278204700

 4278198532

 4278190080

 4280547016

 4280547016

 4278908611

 4282185421

 4278253248

 4283758291

 4285396696

 4286969565

 4288607971

 4290246376

 4291819246

 4293457651

 4294964984

Harmonies

Analogous

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



4287885459



4280547016



4278253567

Triad

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



4280547016



4291220223



4294950533

Complementary

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



4280547016



4294320977

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.



4294946485



4280547016



4294950399

Square

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



4280547016



4283164159



4294946541



4294955626

Rectangle

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



4280547016



4278252799



4294946541



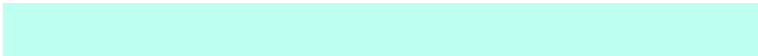
4294948756

Sweetspot

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



4280547016



4290641905



4283758115



4283990135



4278190080



4286611584

Same Dimension

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



4280547016



4278255559



4280532726



4285430392



4278237842



4278205230

Inverse Universe

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



4294320977



4294901816



4294335267



4286213745



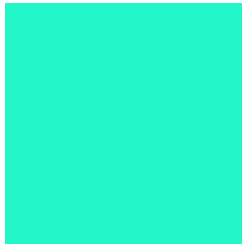
4290379817



4282056717

Previews

White Background



This preview shows how the Android color 4280547016 looks on a white background.

Color Contrast Check

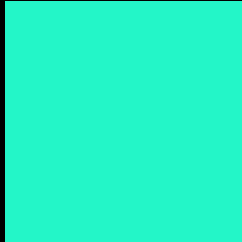
Large Text (above 18pt) WCAG AA × Fail

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 4280547016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

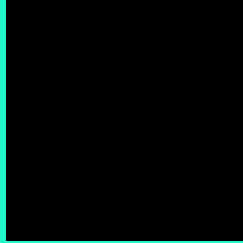
Any Text WCAG AA ✓ Pass

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 4280547016 Background



This preview shows how black text looks on a background with the Android color 4280547016.

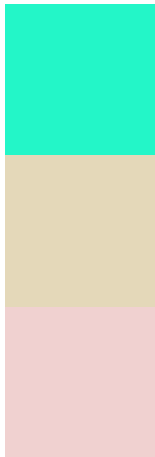


This preview shows how white text looks on a background with the Android color 4280547016.

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
4280547016

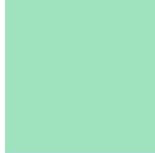
Protanopia
4293187769

Deuteranopia
4293972432

Trichromacy



Original Color
4280547016



Protanomaly
4288603070



Deuteranomaly
4289060557

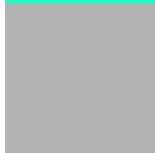


Tritanomaly
4283101419

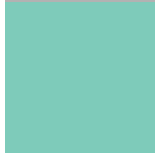
Monochromacy



Original Color
4280547016



Achromatopsia
4289901234



Achromatomaly
4286499770

CSS Examples

Text

The CSS property to change the color of the text to Android 4280547016 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, 246, 200)` looks like.

```
.text, #text, p{  
    color:rgb(35, 246, 200)  
}
```

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, 246, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 246, 200) }
```

Border

The CSS property to change the border of an element to Android 4280547016 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, 246, 200) }
```

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

```
.border{ border-color:rgb(35, 246, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 246, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 246, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 246, 200);  
box-shadow:4px 4px 4px 4px rgb(35, 246,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4280547016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 246, 200) }
```

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

```
.background{ background-color: rgb(35, 246,  
200) }
```

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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