

Converting Colors

Android(4281005020)

Have a look what the booklet for
Android(4281005020) contains.

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Color

Android(4281005020)

Conversions

Conversions Part 1

Format	Color
Hex	2AF3DC
RGB	42, 243, 220
RGB Percent	16%, 95%, 86%
CMY	0.8353, 0.0471, 0.1373
CMYK	0.83, 0.00, 0.09, 0.05
HSL	173°, 89%, 56%
HSV	173°, 83%, 95%
XYZ	45.9237, 69.7607, 78.7549
YIQ	180.2790, -112.4130, -49.7650

Conversions

Conversions Part 2

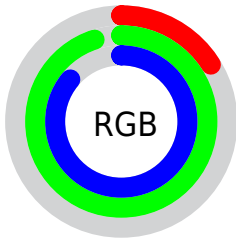
Format	Color
R_{YB}	42, 149, 243
Decimal	2814940
CIE _{Lab}	86.88, -51.10, -2.15
CIE _{LCh}	87, 51.145, 182.411
Yxy	69.7607, 0.2362, 0.3588
Android (android.graphics.Color)	4281005020 (0xFF2AF3DC)
YUV	180.2790, 19.5825, -121.2707
Hunter-Lab	83.5229, -48.0197, 2.5607




Details

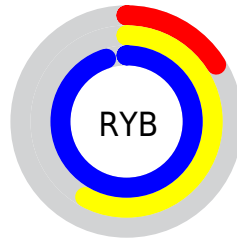
The Android color `4281005020` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294126145`, and the grayscale version is `4290032820`.




A 20% lighter version of the original color is `4286513151`, and `4278237861` is the 20% darker color. If you saturate the color by 10%, you get `4279432153`, and if you desaturate by 10%, it is `4282577887`.

Distribution







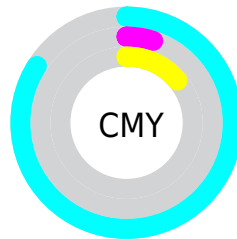
-  Red (16%)
-  Green (95%)
-  Blue (86%)






-  Red (16%)
-  Yellow (58%)
-  Blue (95%)



-  Cyan (83%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (5%)




-  Cyan (84%)
-  Magenta (5%)
-  Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281005020 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 4281005020 by changing the saturation by 10% instead.

 4281005020

 4281005020

4294967295

 4278245056

 4286513151

 4278237861

 4288675839

 4278230667

 4290838527

 4278223729

 4292935679

 4278217049

 4278210626

 4278204204

 4278198295

 4278190080

 4281005020

 4281005020

 4279432153

 4282577887

 4278252503

 4284216290

 4285789156

 4287362023

 4288934890

 4290573293

 4292146159

 4293719026

 4294964213

Harmonies

Analogous

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



4286967723



4281005020



4278252287

Triad

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



4281005020



4293118975



4294952836

Complementary

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



4281005020



4294126145

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.



4294949032



4281005020



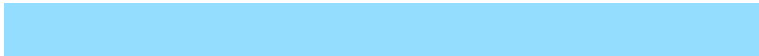
4294949887

Square

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



4281005020



4288011775



4294947543



4294236279

Rectangle

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



4281005020



4278251007



4294947543



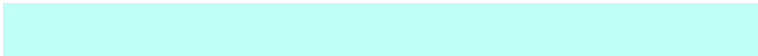
4294951310

Sweetspot

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



4281005020



4290772984



4282512170



4284055675



4278190080



4286611584

Same Dimension

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



4281005020



4278452194



4280985331



4285430393



4278237861



4278205236

Inverse Universe

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



4294126145



4294902559



4294145834



4286213744



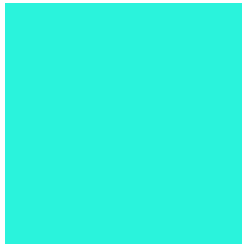
4290379797



4282056711

Previews

White Background



This preview shows how the Android color 4281005020 looks on a white background.

Color Contrast Check

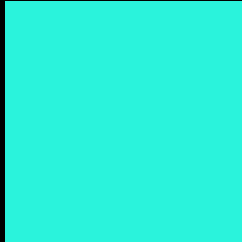
Large Text (above 18pt) WCAG AA × Fail

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 4281005020 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

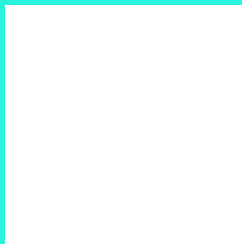
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281005020 Background



This preview shows how black text looks on a background with the Android color 4281005020.

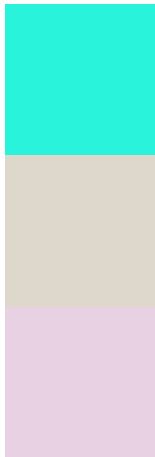


This preview shows how white text looks on a background with the Android color 4281005020.

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](#).

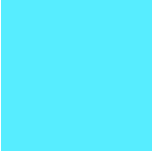
Dichromacy



Original Color
4281005020

Protanopia
4292794316

Deuteranopia
4293382627

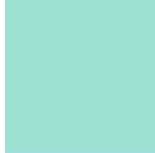


Tritanopia
4283952639

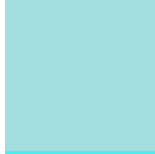
Trichromacy



Original Color
4281005020



Protanomaly
4288537042



Deuteranomaly
4288863712

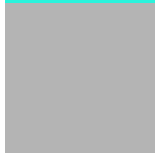


Tritanomaly
4282904562

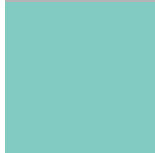
Monochromacy



Original Color
4281005020



Achromatopsia
4290032820



Achromatomaly
4286761923

CSS Examples

Text

The CSS property to change the color of the text to Android 4281005020 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(42, 243, 220)` looks like.

```
.text, #text, p{  
    color:rgb(42, 243, 220)  
}
```

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(42, 243, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 243, 220) }
```

Border

The CSS property to change the border of an element to Android 4281005020 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(42, 243, 220) }
```

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

```
.border{ border-color:rgb(42, 243, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 243, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 243, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 243, 220);  
box-shadow:4px 4px 4px 4px rgb(42, 243,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4281005020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 243, 220) }
```

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

```
.background{ background-color: rgb(42, 243,  
220) }
```

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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