

Converting Colors

Android(4280404205)

Have a look what the booklet for
Android(4280404205) contains.

Android(4280404205)	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(4280404205)

Conversions

Conversions Part 1

Format	Color
Hex	21C8ED
RGB	33, 200, 237
RGB Percent	13%, 78%, 93%
CMY	0.8706, 0.2157, 0.0706
CMYK	0.86, 0.16, 0.00, 0.07
HSL	191°, 85%, 53%
HSV	191°, 86%, 93%
XYZ	36.5675, 47.7463, 87.4094
YIQ	154.2850, -111.4090, -23.8970

Conversions

Conversions Part 2

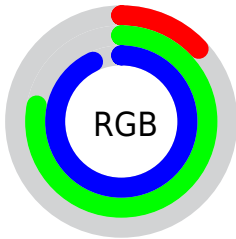
Format	Color
RYB	33, 125, 237
Decimal	2214125
CIELab	74.66, -27.14, -29.56
CIELCh	75, 40.130, 227.443
Yxy	47.7463, 0.2129, 0.2780
Android (android.graphics.Color)	4280404205 (0xFF21C8ED)
YUV	154.2850, 40.7785, -106.3669
Hunter-Lab	69.0987, -26.4592, -26.6324

Details

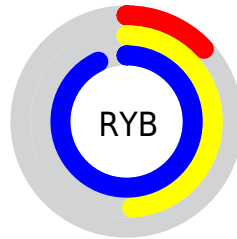
The Android color `4280404205` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4293740065`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4285988863`, and `4278227637` is the 20% darker color. If you saturate the color by 10%, you get `4278830317`, and if you desaturate by 10%, it is `4281978093`.

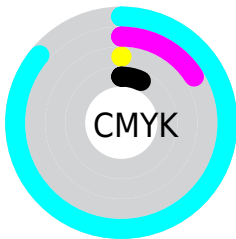
Distribution



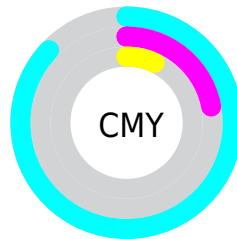
- Red (13%)
- Green (78%)
- Blue (93%)



- Red (13%)
- Yellow (49%)
- Blue (93%)



- Cyan (86%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280404205 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 4280404205 by changing the saturation by 10% instead.

 4280404205

 4280404205

4294967295

 4278234321

 4285988863

 4278227637

 4288151551

 4278220954

 4290248703

 4278214528

 4292345855

 4278208359

 4294377471

 4278202447

 4278197047

 4278190626

 4278190088

■ 4280404205

■ 4280404205

■ 4278830317

■ 4281978093

■ 4278239981

■ 4283486701

■ 4285060589

■ 4286634477

■ 4288142829

■ 4289716973

■ 4291290861

■ 4292864749

■ 4294373357

Harmonies

Analogous

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



4280863693



4280404205



4284924159

Triad

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



4280404205



4294352329



4290428016

Complementary

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



4280404205



4293740065

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.



4292784240



4280404205



4294941859

Square

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



4280404205



4292323050



4294419587



4287743365

Rectangle

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



4280404205



4287740159



4294419587



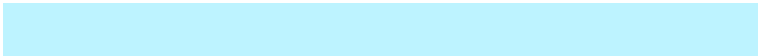
4291278958

Sweetspot

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



4280404205



4290638847



4280413507



4283988096



4278190080



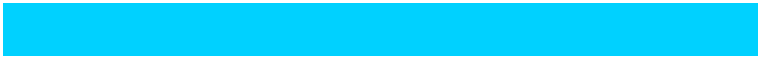
4286611584

Same Dimension

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



4280404205



4278243839



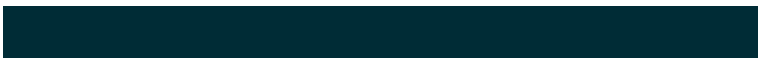
4280378861



4285166453



4278228149



4278201398

Inverse Universe

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



4293730760



4294901969



4293765409



4285885043



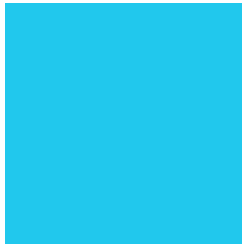
4290052244



4281729068

Previews

White Background



This preview shows how the Android color 4280404205 looks on a white background.

Color Contrast Check

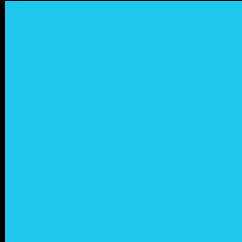
Large Text (above 18pt) WCAG AA × Fail

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 4280404205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

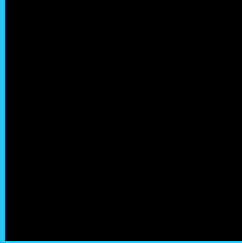
Any Text WCAG AA ✓ Pass

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 4280404205 Background



This preview shows how black text looks on a background with the Android color 4280404205.



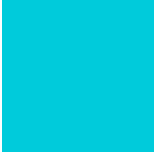
This preview shows how white text looks on a background with the Android color 4280404205.

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





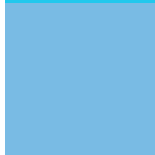
Tritanopia
4278242267

Trichromacy



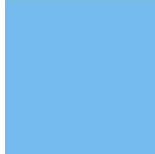
Original Color

4280404205



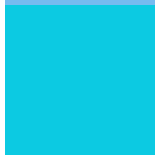
Protanomaly

4286168036



Deuteranomaly

4285971440



Tritanomaly

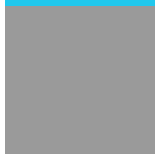
4279028450

Monochromacy



Original Color

4280404205



Achromatopsia

4288322202



Achromatomaly

4285443000

CSS Examples

Text

The CSS property to change the color of the text to Android 4280404205 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(33, 200, 237)` looks like.

```
.text, #text, p{  
    color:rgb(33, 200, 237)  
}
```

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(33, 200, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 200, 237) }
```

Border

The CSS property to change the border of an element to Android 4280404205 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(33, 200, 237) }
```

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

```
.border{ border-color:rgb(33, 200, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 200, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 200, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 200, 237);  
box-shadow:4px 4px 4px 4px rgb(33, 200,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4280404205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 200, 237) }
```

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

```
.background{ background-color: rgb(33, 200,  
237) }
```

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