

Converting Colors

Android(4282113227)

Have a look what the booklet for
Android(4282113227) contains.

Android(4282113227)	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(4282113227)

Conversions

Conversions Part 1

Format	Color
Hex	3BDCCB
RGB	59, 220, 203
RGB Percent	23%, 86%, 80%
CMY	0.7686, 0.1373, 0.2039
CMYK	0.73, 0.00, 0.08, 0.14
HSL	174°, 70%, 55%
HSV	174°, 73%, 86%
XYZ	38.1763, 56.4280, 65.3795
YIQ	169.9230, -90.4990, -39.4190

Conversions

Conversions Part 2

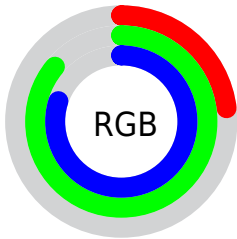
Format	Color
RYB	59, 144, 220
Decimal	3923147
CIELab	79.86, -44.26, -3.46
CIELCh	80, 44.400, 184.468
Yxy	56.4280, 0.2386, 0.3527
Android (android.graphics.Color)	4282113227 (0xFF3BDCCB)
YUV	169.9230, 16.3070, -97.2795
Hunter-Lab	75.1186, -40.7413, 0.9799

Details

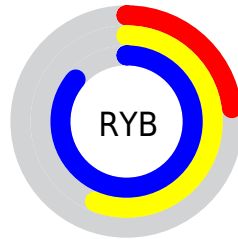
The Android color **4282113227** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **4292623180**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4286775295**, and **4278232213** is the 20% darker color. If you saturate the color by 10%, you get **4280671433**, and if you desaturate by 10%, it is **4283555021**.

Distribution



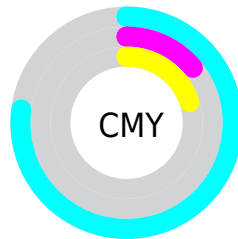
- Red (23%)
- Green (86%)
- Blue (80%)



- Red (23%)
- Yellow (56%)
- Blue (86%)



- Cyan (73%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (77%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282113227 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 4282113227 by changing the saturation by 10% instead.



4282113227



4282113227

4294967295



4278239408



4286775295



4278232213



4288806911



4278225275



4290838527



4278218594



4292870143



4278212171

4294901759



4278205748



4278200351



4278190088



4278190080

 4282113227

 4282113227

 4280671433

 4283555021

 4279229638

 4284996816

 4278246597

 4286438610

 4287880404

 4289322199

 4290763993

 4292205787

 4293647582

 4294958304

Harmonies

Analogous

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



4286372257



4282113227



4278246132

Triad

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



4282113227



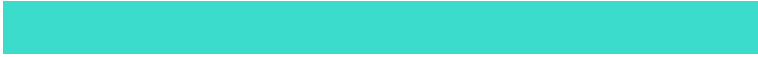
4292065791



4294883196

Complementary

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



4282113227



4292623180

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.



4294945433



4282113227



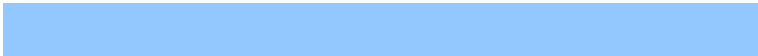
4294945770

Square

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



4282113227



4287875327



4294944193



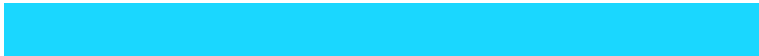
4292593266

Rectangle

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



4282113227



4279949311



4294944193



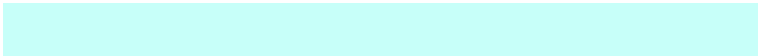
4294947460

Sweetspot

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



4282113227



4291297273



4283358267



4284383356



4278190080



4286611584

Same Dimension

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



4282113227



4280287207



4282097372



4284706412



4278234523



4278201897

Inverse Universe

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



4292623180



4294909750



4292639035



4285424484



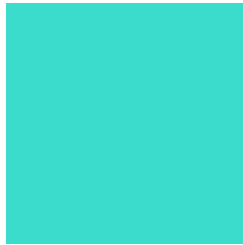
4289527826



4281204741

Previews

White Background



This preview shows how the Android color 4282113227 looks on a white background.

Color Contrast Check

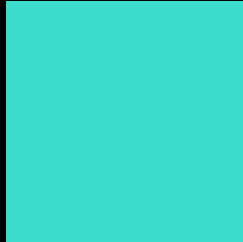
Large Text (above 18pt) WCAG AA × Fail

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 4282113227 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

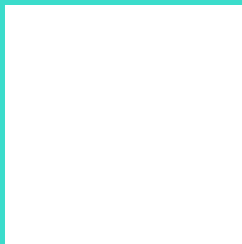
Any Text WCAG AAA ✓ Pass

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

Android 4282113227 Background



This preview shows how black text looks on a background with the Android color 4282113227.



This preview shows how white text looks on a background with the Android color 4282113227.

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

4282113227



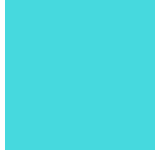
Protanomaly

4288007362



Deuteranomaly

4288334543



Tritanomaly

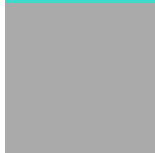
4282833374

Monochromacy



Original Color

4282113227



Achromatopsia

4289374890



Achromatomaly

4286758070

CSS Examples

Text

The CSS property to change the color of the text to Android 4282113227 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(59, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(59, 220, 203)  
}
```

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(59, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 220, 203) }
```

Border

The CSS property to change the border of an element to Android 4282113227 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(59, 220, 203) }
```

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

```
.border{ border-color:rgb(59, 220, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 220, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(59, 220,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4282113227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 220, 203) }
```

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

```
.background{ background-color: rgb(59, 220,  
203) }
```

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