

Converting Colors

Android(4282056645)

Have a look what the booklet for
Android(4282056645) contains.

Android(4282056645)	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(4282056645)

Conversions

Conversions Part 1

Format	Color
Hex	3AFFC5
RGB	58, 255, 197
RGB Percent	23%, 100%, 77%
CMY	0.7725, 0.0000, 0.2275
CMYK	0.77, 0.00, 0.23, 0.00
HSL	162°, 100%, 61%
HSV	162°, 77%, 100%
XYZ	47.5830, 76.4508, 65.0719
YIQ	189.4850, -98.7940, -59.8020

Conversions

Conversions Part 2

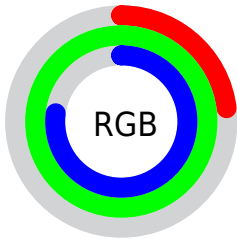
Format	Color
RYB	58, 174, 255
Decimal	3866565
CIELab	90.07, -60.17, 14.41
CIELCh	90, 61.877, 166.531
Yxy	76.4508, 0.2516, 0.4043
Android (android.graphics.Color)	4282056645 (0xFF3AFFC5)
YUV	189.4850, 3.7049, -115.3123
Hunter-Lab	87.4361, -55.8731, 17.0803

Details

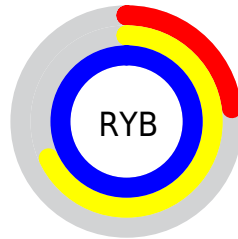
The Android color **4282056645** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **4294916724**, and the grayscale version is **4290690750**.

A 20% lighter version of the original color is **4287037438**, and **4278240655** is the 20% darker color. If you saturate the color by 10%, you get **4280352701**, and if you desaturate by 10%, it is **4283695053**.

Distribution



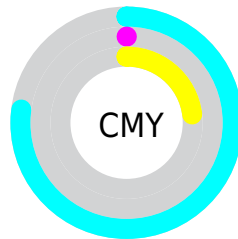
- Red (23%)
- Green (100%)
- Blue (77%)



- Red (23%)
- Yellow (68%)
- Blue (100%)



- Cyan (77%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (77%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282056645 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 4282056645 by changing the saturation by 10% instead.



4282056645



4282056645

4294967295



4278248106



4287037438



4278240655



4289200127



4278233461



4291297279



4278226525



4293394431



4278219589



4278212911



4278206489



4278200320



4278190080

■ 4282056645

■ 4282056645

■ 4280352701

■ 4283695053

■ 4278714294

■ 4285398996

■ 4278255540

■ 4287037404

■ 4288741347

■ 4290379755

■ 4292083698

■ 4293722106

4294967295

Harmonies

Analogous

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



4288935822



4282056645



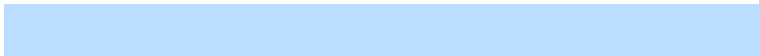
4278255615

Triad

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



4282056645



4290502143



4294951055

Complementary

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



4282056645



4294916724

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.



4294947524



4282056645



4294952703

Square

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



4282056645



4278252031



4294948095



4294956653

Rectangle

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



4282056645



4278255615



4294948095



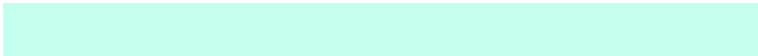
4294949535

Sweetspot

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



4282056645



4291100654



4285923130



4284252277



4278190080



4286611584

Same Dimension

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



4282056645



4279435193



4282046719



4285759612



4278239111



4278206509

Inverse Universe

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



4294916724



4294906456



4294926650



4286608247



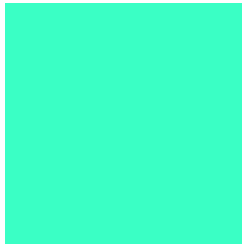
4290707512



4282384403

Previews

White Background



This preview shows how the Android color 4282056645 looks on a white background.

Color Contrast Check

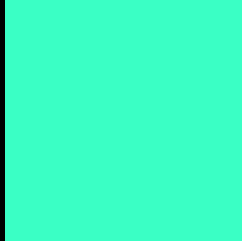
Large Text (above 18pt) WCAG AA × Fail

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 4282056645 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 4282056645 Background



This preview shows how black text looks on a background with the Android color 4282056645.

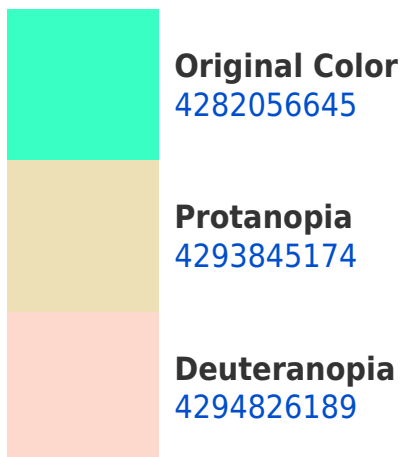



This preview shows how white text looks on a background with the Android color 4282056645.

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
4287820031

Trichromacy



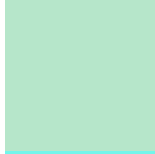
Original Color

4282056645



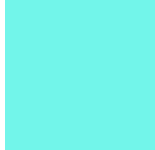
Protanomaly

4289588155



Deuteranomaly

4290176714



Tritanomaly

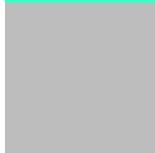
4285724138

Monochromacy



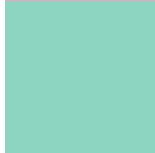
Original Color

4282056645



Achromatopsia

4290624957



Achromatomaly

4287485376

CSS Examples

Text

The CSS property to change the color of the text to Android 4282056645 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(58, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(58, 255, 197)  
}
```

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(58, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 255, 197) }
```

Border

The CSS property to change the border of an element to Android 4282056645 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(58, 255, 197) }
```

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

```
.border{ border-color:rgb(58, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(58, 255,  
197) }
```

Background

The CSS property to change the background color of an element to Android 4282056645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 255, 197) }
```

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

```
.background{ background-color: rgb(58, 255,  
197) }
```

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