

Converting Colors

Android(4282509513)

Have a look what the booklet for
Android(4282509513) contains.

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Color

Android(4282509513)

Conversions

Conversions Part 1

Format	Color
Hex	41E8C9
RGB	65, 232, 201
RGB Percent	25%, 91%, 79%
CMY	0.7451, 0.0902, 0.2118
CMYK	0.72, 0.00, 0.13, 0.09
HSL	169°, 78%, 58%
HSV	169°, 72%, 91%
XYZ	41.5792, 63.0541, 65.2375
YIQ	178.5330, -89.5810, -45.0450

Conversions

Conversions Part 2

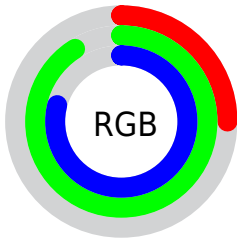
Format	Color
RYB	65, 157, 232
Decimal	4319433
CIELab	83.47, -49.19, 2.89
CIElCh	83, 49.277, 176.633
Yxy	63.0541, 0.2448, 0.3712
Android (android.graphics.Color)	4282509513 (0xFF41E8C9)
YUV	178.5330, 11.0762, -99.5684
Hunter-Lab	79.4066, -45.4947, 6.8741

Details

The Android color `4282509513` is a light color, and the websafe version is hex `66FFCC`. The color can be described as light muted cyan. A complement of this color would be `4293411168`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4287102975`, and `4278235027` is the 20% darker color. If you saturate the color by 10%, you get `4281002181`, and if you desaturate by 10%, it is `4284016845`.

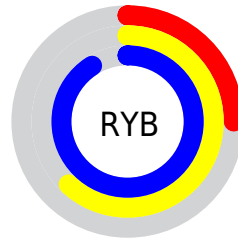
Distribution



Red (25%)

Green (91%)

Blue (79%)



Red (25%)

Yellow (62%)

Blue (91%)

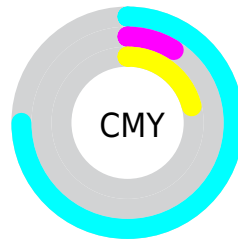


Cyan (72%)

Magenta (0%)

Yellow (13%)

Black (9%)



Cyan (75%)

Magenta (9%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282509513 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 4282509513 by changing the saturation by 10% instead.

 4282509513

 4282509513

4294967295

 4278242222

 4287102975

 4278235027

 4289134591

 4278228089

 4291231743

 4278221153

 4293263359

 4278214729

 4278208307


 4278202397

 4278195461

 4278190080

 4282509513

 4282509513

 4281002181

 4284016845

 4279494848


 4285524178

 4278249661

 4287097046

 4288604378

 4290111711

 4291619043

 4293126375

 4294699243

 4294961392

Harmonies

Analogous

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



4287423387



4282509513



4278249720

Triad

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



4282509513



4291675903



4294949764

Complementary

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



4282509513



4293411168

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.



4294946473



4282509513



4294948351

Square

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



4282509513



4286437119



4294945751



4294102130

Rectangle

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



4282509513



4278248703



4294945751



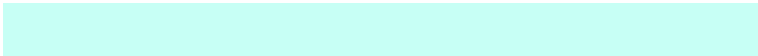
4294948495

Sweetspot

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



4282509513



4291297269



4284672065



4284383353



4278190080



4286611584

Same Dimension

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



4282509513



4280614870



4282496744



4284969841



4278236049



4278203178

Inverse Universe

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



4293411168



4294911052



4293423937



4285753193



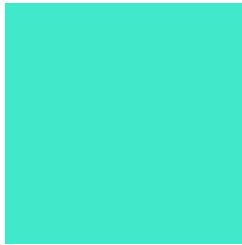
4289921057



4281532425

Previews

White Background



This preview shows how the Android color 4282509513 looks on a white background.

Color Contrast Check

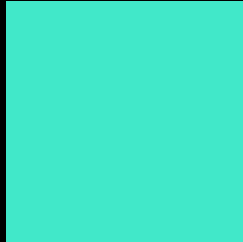
Large Text (above 18pt) WCAG AA × Fail

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 4282509513 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

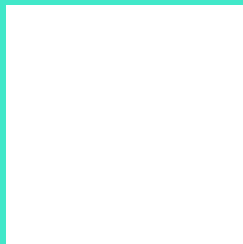
Any Text WCAG AAA ✓ Pass

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

Android 4282509513 Background



This preview shows how black text looks on a background with the Android color 4282509513.

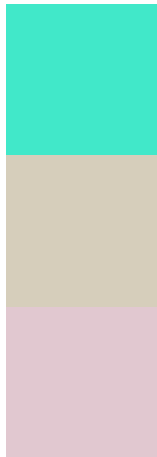


This preview shows how white text looks on a background with the Android color 4282509513.

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
4282509513

Protanopia
4292267707

Deuteranopia
4292987088

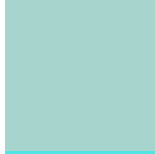
Trichromacy



Original Color
4282509513



Protanomaly
4288731072



Deuteranomaly
4289189069

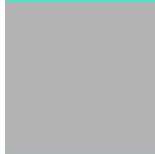


Tritanomaly
4283491556

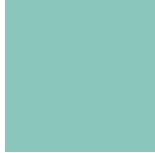
Monochromacy



Original Color
4282509513



Achromatopsia
4289967027



Achromatomaly
4287284923

CSS Examples

Text

The CSS property to change the color of the text to Android 4282509513 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(65, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(65, 232, 201)  
}
```

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(65, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 232, 201) }
```

Border

The CSS property to change the border of an element to Android 4282509513 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(65, 232, 201) }
```

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

```
.border{ border-color:rgb(65, 232, 201) }
```

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

Here you see how a box with a 4 pixel rgb(65, 232, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(65, 232,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4282509513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 232, 201) }
```

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

```
.background{ background-color: rgb(65, 232,  
201) }
```

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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