

# Converting Colors

Android(4282504923)

Have a look what the booklet for  
Android(4282504923) contains.

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# **Color**

**Android(4282504923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41D6DB
RGB	65, 214, 219
RGB Percent	25%, 84%, 86%
CMY	0.7451, 0.1608, 0.1412
CMYK	0.70, 0.02, 0.00, 0.14
HSL	182°, 68%, 56%
HSV	182°, 70%, 86%
XYZ	39.0127, 54.3314, 75.4487
YIQ	170.0190, -90.4090, -30.0330

# Conversions

## Conversions Part 2

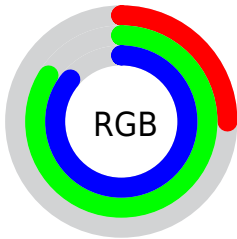
Format	Color
R <sub>YB</sub>	65, 141, 219
Decimal	4314843
CIE Lab	78.65, -36.41, -13.78
CIE LCh	79, 38.930, 200.736
Yxy	54.3314, 0.2311, 0.3219
Android (android.graphics.Color)	4282504923 (0xFF41D6DB)
YUV	170.0190, 24.1476, -92.1017
Hunter-Lab	73.7099, -34.5168, -9.0917

# Details

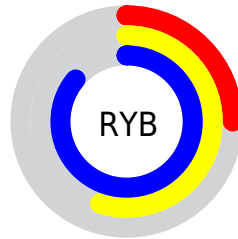
The Android color `4282504923` is a light color, and the websafe version is hex `33CCCC`. The color can be described as light muted cyan. A complement of this color would be `4292560449`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4287037439`, and `4278230948` is the 20% darker color. If you saturate the color by 10%, you get `4281062875`, and if you desaturate by 10%, it is `4283946971`.

# Distribution



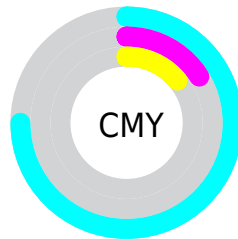
- Red (25%)
- Green (84%)
- Blue (86%)



- Red (25%)
- Yellow (55%)
- Blue (86%)



- Cyan (70%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (75%)
- Magenta (16%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282504923 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 4282504923 by changing the saturation by 10% instead.



 4282504923

 4282504923

4294967295


 4278237887

 4287037439

 4278230948

 4289069055

 4278224010

 4291100671

 4278217328

 4293132287

 4278210904

 4278204993

 4278199595

 4278190359

 4278190080

■ 4282504923

■ 4282504923

■ 4281062875

■ 4283946971

■ 4279621083

■ 4285388763

■ 4278244571

■ 4286830811

■ 4288272859

■ 4289714907

■ 4291091163

■ 4292533211

■ 4293975259

■ 4294958299

# Harmonies

## Analogous

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



4285257398



4282504923



4282897146

# Triad

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



4282504923



4293308913



4293246331

# Complementary

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



4282504923



4292560449

# 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.



4294946956



4282504923



4294944975

# Square

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



4282504923



4290231807



4294944939



4290889854

# Rectangle

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



4282504923



4285189631



4294944939



4293900415



# Sweetspot

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



4282504923



4291427839



4282506052



4284513920



4278190080



4286611584



# Same Dimension

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



4282504923



4280940799



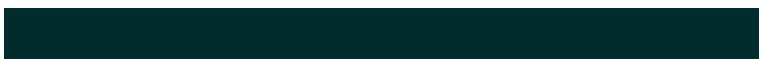
4282485723



4284706158



4278233261



4278201390



# Inverse Universe

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



4292559318



4294912504



4292579649



4285424493



4289527976

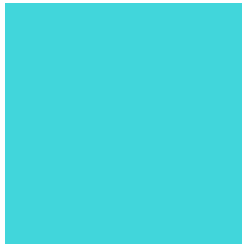


4281204780



# Previews

## White Background



This preview shows how the Android color 4282504923 looks on a white background.

## Color Contrast Check

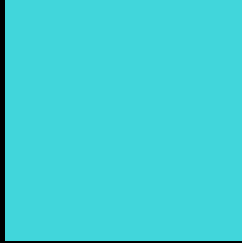
Large Text (above 18pt) WCAG AA × Fail

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 4282504923 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 4282504923 Background



This preview shows how black text looks on a background with the Android color 4282504923.

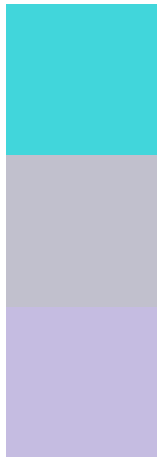


This preview shows how white text looks on a background with the Android color 4282504923.

# 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](#).

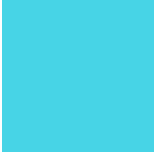
## Dichromacy



**Original Color**  
4282504923

**Protanopia**  
4290887885

**Deuteranopia**  
4291149025



**Tritanopia**  
4282897638

# Trichromacy



**Original Color**  
4282504923



**Protanomaly**  
4287809746



**Deuteranomaly**  
4288005599

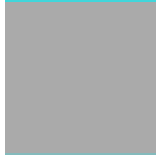


**Tritanomaly**  
4282766818

# Monochromacy



**Original Color**  
4282504923



**Achromatopsia**  
4289374890



**Achromatomaly**  
4286888636

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282504923 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, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(65, 214, 219)  
}
```

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, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 214, 219) }
```

## Border

The CSS property to change the border of an element to Android 4282504923 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, 214, 219) }
```

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

```
.border{ border-color:rgb(65, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(65, 214,  
219) }
```

# Background

The CSS property to change the background color of an element to Android 4282504923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 214, 219) }
```

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

```
.background{ background-color: rgb(65, 214,  
219) }
```

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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