

# Converting Colors

Android(4281260775)

Have a look what the booklet for  
Android(4281260775) contains.

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# **Color**

**Android(4281260775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EDAE7
RGB	46, 218, 231
RGB Percent	18%, 85%, 91%
CMY	0.8196, 0.1451, 0.0941
CMYK	0.80, 0.06, 0.00, 0.09
HSL	184°, 79%, 54%
HSV	184°, 80%, 91%
XYZ	40.6219, 56.4932, 84.3646
YIQ	168.0540, -106.6850, -32.4210

# Conversions

## Conversions Part 2

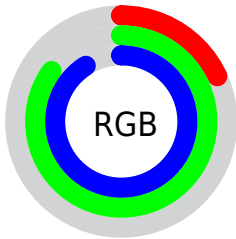
Format	Color
<a href="#">RYB</a>	<a href="#">46, 135, 231</a>
Decimal	<a href="#">3070695</a>
CIELab	<a href="#">79.89, -36.71, -18.36</a>
CIELCh	<a href="#">80, 41.044, 206.573</a>
Yxy	<a href="#">56.4932, 0.2238, 0.3113</a>
Android (android.graphics.Color)	<a href="#">4281260775 (0xFF2EDAE7)</a>
YUV	<a href="#">168.0540, 31.0324, -107.0414</a>
Hunter-Lab	<a href="#">75.1619, -35.0615, -13.9360</a>

# Details

The Android color **4281260775** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293344046**, and the grayscale version is **4289243304**.

A 20% lighter version of the original color is **4286447615**, and **4278231727** is the 20% darker color. If you saturate the color by 10%, you get **4279752935**, and if you desaturate by 10%, it is **4282768615**.

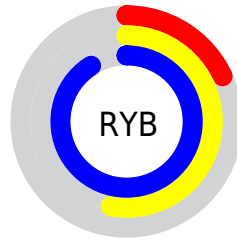
# Distribution



Red (18%)

Green (85%)

Blue (91%)



Red (18%)

Yellow (53%)

Blue (91%)

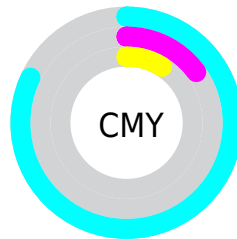


Cyan (80%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (82%)

Magenta (15%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281260775 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 4281260775 by changing the saturation by 10% instead.





4281260775



4281260775

4294967295



4278238923



4286447615



4278231727



4288610303



4278225045



4290707455



4278218363



4292739071



4278211938



4294836223



4278205770



4278200372



4278190623



4278190082

■ 4281260775

■ 4281260775

■ 4279752935

■ 4282768615

■ 4278245351

■ 4284276199

■ 4285784039

■ 4287291623

■ 4288864999

■ 4290372839

■ 4291880423

■ 4293388263

■ 4294896103

# Harmonies

## Analogous

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



4284340928



4281260775



4282832383

# Triad

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



4281260775



4294095089



4293182073

# Complementary

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



4281260775



4293344046

# 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.



4294948231



4281260775



4294945228

# Square

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



4281260775



4291084031



4294945702



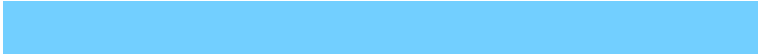
4290563712

# Rectangle

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



4281260775



4285714431



4294945702



4293901948



# Sweetspot

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



4281260775



4290968575



4281263930



4284185984



4278190080



4286611584



# Same Dimension

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



4281260775



4278906623



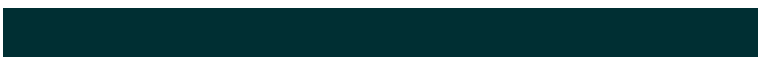
4281237223



4284969587



4278232755



4278202163



# Inverse Universe

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



4293340890



4294904558



4293367598



4285753202



4289921190

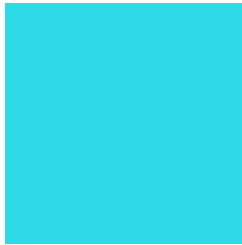


4281532463



# Previews

## White Background



This preview shows how the Android color 4281260775 looks on a white background.

## Color Contrast Check

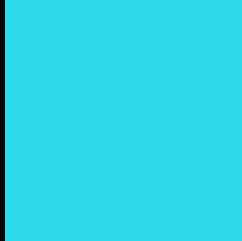
Large Text (above 18pt) WCAG AA × Fail

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 4281260775 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

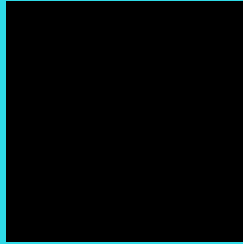
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4281260775 Background



This preview shows how black text looks on a background with the Android color 4281260775.

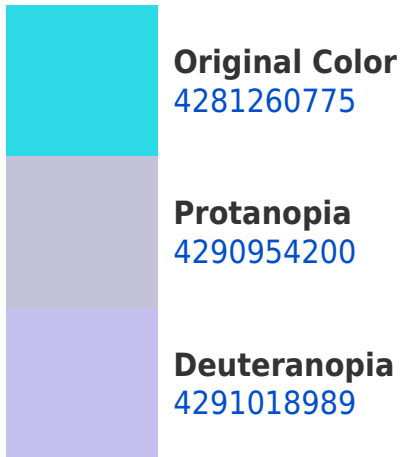


This preview shows how white text looks on a background with the Android color 4281260775.

# 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



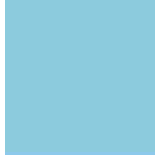


# Trichromacy



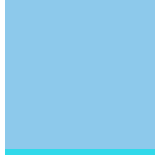
**Original Color**

4281260775



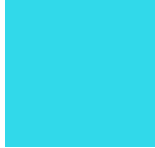
**Protanomaly**

4287417309



**Deuteranomaly**

4287482347



**Tritanomaly**

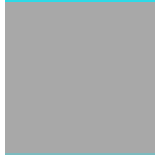
4281457130

# Monochromacy



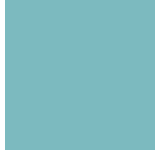
**Original Color**

4281260775



**Achromatopsia**

4289243304



**Achromatomaly**

4286364351

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281260775 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(46, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(46, 218, 231)  
}
```

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(46, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 218, 231) }
```

## Border

The CSS property to change the border of an element to Android 4281260775 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(46, 218, 231) }
```

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

```
.border{ border-color:rgb(46, 218, 231) }
```

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

Here you see how a box with a 4 pixel rgb(46, 218, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(46, 218,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4281260775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 218, 231) }
```

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

```
.background{ background-color: rgb(46, 218,  
231) }
```

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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