

Converting Colors

Android(4280930006)

Have a look what the booklet for
Android(4280930006) contains.

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Color

Android(4280930006)

Conversions

Conversions Part 1

Format	Color
Hex	29CED6
RGB	41, 206, 214
RGB Percent	16%, 81%, 84%
CMY	0.8392, 0.1922, 0.1608
CMYK	0.81, 0.04, 0.00, 0.16
HSL	183°, 68%, 50%
HSV	183°, 81%, 84%
XYZ	35.1234, 49.4691, 71.3156
YIQ	157.5770, -100.9080, -32.4920

Conversions

Conversions Part 2

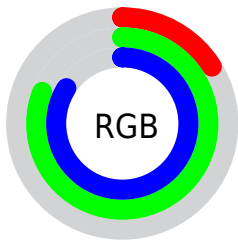
Format	Color
R_{YB}	41, 125, 214
Decimal	2739926
CIE _{Lab}	75.74, -36.64, -15.51
CIE _{LCh}	76, 39.786, 202.948
Yxy	49.4691, 0.2253, 0.3173
Android (android.graphics.Color)	4280930006 (0xFF29CED6)
YUV	157.5770, 27.8165, -102.2380
Hunter-Lab	70.3343, -33.9460, -10.8833

Details

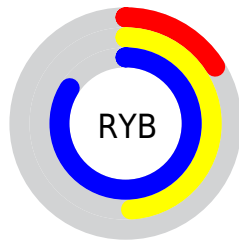
The Android color **4280930006** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292227369**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4286054399**, and **4278228895** is the 20% darker color. If you saturate the color by 10%, you get **4279553494**, and if you desaturate by 10%, it is **4282306518**.

Distribution



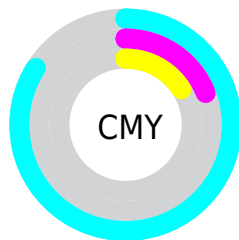
- Red (16%)
- Green (81%)
- Blue (84%)



- Red (16%)
- Yellow (49%)
- Blue (84%)



- Cyan (81%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280930006 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 4280930006 by changing the saturation by 10% instead.

 4280930006

 4280930006

4294967295

 4278235834

 4286054399

 4278228895

 4288151551

 4278222213

 4290248703

 4278215532

 4292280319

 4278209364

 4294311935

 4278203197

 4278197799

 4278190354

 4278190080

■ 4280930006

■ 4280930006

■ 4279553494

■ 4282306518

■ 4278242518

■ 4283748566

■ 4285125078

■ 4286567126

■ 4287943638

■ 4289320150

■ 4290762198

■ 4292138710

■ 4293580758

Harmonies

Analogous

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



4284272304



4280930006



4281846516

Triad

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



4280930006



4292978663



4292588914

Complementary

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



4280930006



4292227369

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.



4294355329



4280930006



4294746053

Square

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



4280930006



4289901822



4294942880



4290167158

Rectangle

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



4280930006



4284597503



4294942880



4293243253

Sweetspot

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



4280930006



4290968831



4280931887



4284186240



4278190080



4286611584

Same Dimension

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



4280930006



4278777087



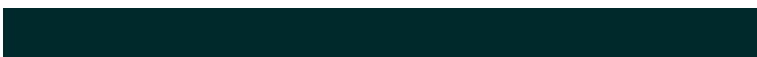
4280908502



4284509035



4278231979



4278200619

Inverse Universe

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



4292225486



4294904052



4292248873



4285227115



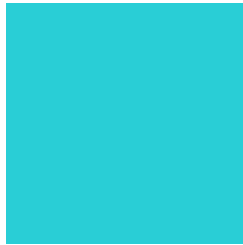
4289396899



4281008169

Previews

White Background



This preview shows how the Android color 4280930006 looks on a white background.

Color Contrast Check

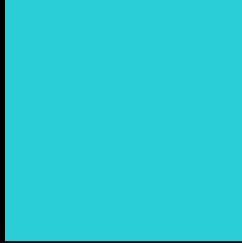
Large Text (above 18pt) WCAG AA × Fail

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 4280930006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

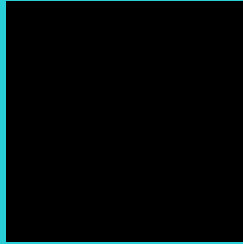
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

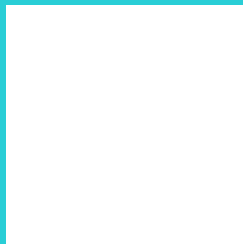
Any Text WCAG AAA ✓ Pass

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

Android 4280930006 Background



This preview shows how black text looks on a background with the Android color 4280930006.

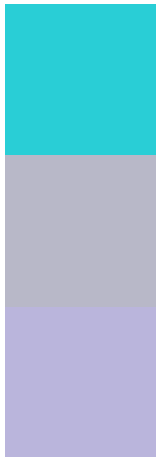


This preview shows how white text looks on a background with the Android color 4280930006.

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](#).

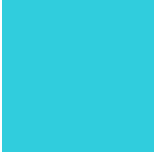
Dichromacy



Original Color
4280930006

Protanopia
4290296008

Deuteranopia
4290426332



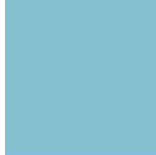
Tritanopia
4281388509

Trichromacy



Original Color

4280930006



Protanomaly

4286890189



Deuteranomaly

4286955226



Tritanomaly

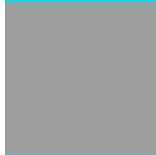
4281191898

Monochromacy



Original Color

4280930006



Achromatopsia

4288585374



Achromatomaly

4285771698

CSS Examples

Text

The CSS property to change the color of the text to Android 4280930006 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(41, 206, 214)` looks like.

```
.text, #text, p{  
    color:rgb(41, 206, 214)  
}
```

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(41, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 206, 214) }
```

Border

The CSS property to change the border of an element to Android 4280930006 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(41, 206, 214) }
```

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

```
.border{ border-color:rgb(41, 206, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(41, 206,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4280930006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 206, 214) }
```

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

```
.background{ background-color: rgb(41, 206,  
214) }
```

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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