

Converting Colors

Android(4282441698)

Have a look what the booklet for
Android(4282441698) contains.

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Color

Android(4282441698)

Conversions

Conversions Part 1

Format	Color
Hex	40DFE2
RGB	64, 223, 226
RGB Percent	25%, 87%, 89%
CMY	0.7490, 0.1255, 0.1137
CMYK	0.72, 0.01, 0.00, 0.11
HSL	181°, 74%, 57%
HSV	181°, 72%, 89%
XYZ	42.2295, 59.3563, 81.1827
YIQ	175.8010, -95.7270, -32.7750

Conversions

Conversions Part 2

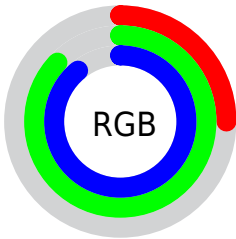
Format	Color
R _{YB}	64, 144, 226
Decimal	4251618
CIE Lab	81.49, -38.67, -13.27
CIE LCh	81, 40.887, 198.945
Yxy	59.3563, 0.2311, 0.3248
Android (android.graphics.Color)	4282441698 (0xFF40DFE2)
YUV	175.8010, 24.7481, -98.0495
Hunter-Lab	77.0431, -36.9844, -8.5456

Details

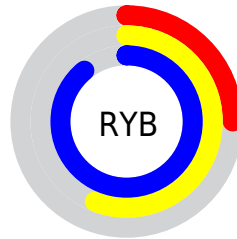
The Android color **4282441698** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **4293018432**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4287102975**, and **4278233003** is the 20% darker color. If you saturate the color by 10%, you get **4280934370**, and if you desaturate by 10%, it is **4283949026**.

Distribution



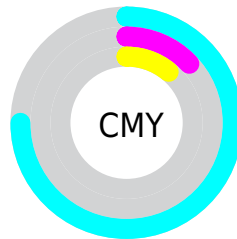
- Red (25%)
- Green (87%)
- Blue (89%)



- Red (25%)
- Yellow (56%)
- Blue (89%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (75%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282441698 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 4282441698 by changing the saturation by 10% instead.

 4282441698

 4282441698

4294967295


 4278240198

 4287102975

 4278233003

 4289200127

 4278226064

 4291231743

 4278219383

 4293263359

 4278212958

 4278206790

 4278201136

 4278193180

 4278190080

■ 4282441698

■ 4282441698

■ 4280934370

■ 4283949026

■ 4279492322

■ 4285391074

■ 4278247138

■ 4286898402

■ 4288340450

■ 4289847778

■ 4291355362

■ 4292797154

■ 4294304482

■ 4294960098

Harmonies

Analogous

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



4285587131



4282441698



4282506239

Triad

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



4282441698



4293769469



4294034303

Complementary

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



4282441698



4293018432

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.



4294948498



4282441698



4294946522

Square

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



4282441698



4290496255



4294946483



4291612801

Rectangle

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



4282441698



4284995327



4294946483



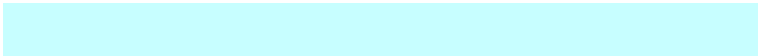
4294688644

Sweetspot

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



4282441698



4291297023



4282442307



4284383104



4278190080



4286611584

Same Dimension

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



4282441698



4280613887



4282420962



4284838000



4278234544



4278202416

Inverse Universe

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



4293017823



4294911227



4293039168



4285556080



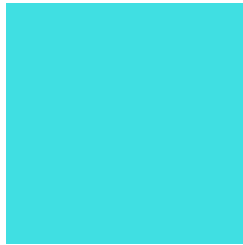
4289724589



4281335856

Previews

White Background



This preview shows how the Android color 4282441698 looks on a white background.

Color Contrast Check

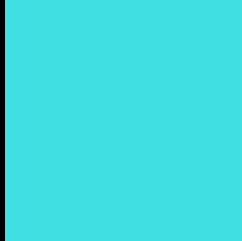
Large Text (above 18pt) WCAG AA × Fail

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 4282441698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

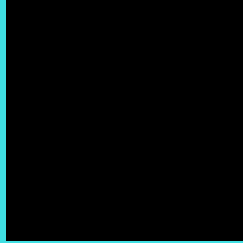
Any Text WCAG AA ✓ Pass

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 4282441698 Background



This preview shows how black text looks on a background with the Android color 4282441698.

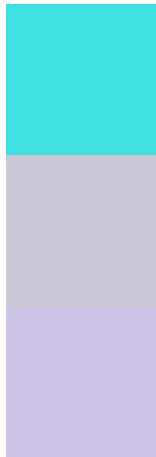


This preview shows how white text looks on a background with the Android color 4282441698.

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](#).

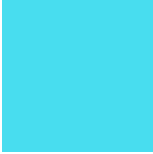
Dichromacy



Original Color
4282441698

Protanopia
4291414228

Deuteranopia
4291675368



Tritanopia
4282965487

Trichromacy



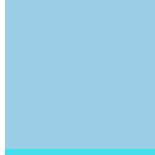
Original Color

4282441698



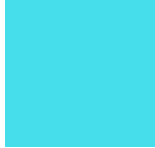
Protanomaly

4288139481



Deuteranomaly

4288335590



Tritanomaly

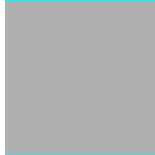
4282769130

Monochromacy



Original Color

4282441698



Achromatopsia

4289769648



Achromatomaly

4287087042

CSS Examples

Text

The CSS property to change the color of the text to Android 4282441698 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(64, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(64, 223, 226)  
}
```

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(64, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 223, 226) }
```

Border

The CSS property to change the border of an element to Android 4282441698 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(64, 223, 226) }
```

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

```
.border{ border-color:rgb(64, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(64, 223,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4282441698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 223, 226) }
```

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

```
.background{ background-color: rgb(64, 223,  
226) }
```

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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