

Converting Colors

Android(4282236106)

Have a look what the booklet for
Android(4282236106) contains.

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Color

Android(4282236106)

Conversions

Conversions Part 1

Format	Color
Hex	3DBCCA
RGB	61, 188, 202
RGB Percent	24%, 74%, 79%
CMY	0.7608, 0.2627, 0.2078
CMYK	0.70, 0.07, 0.00, 0.21
HSL	186°, 57%, 52%
HSV	186°, 70%, 79%
XYZ	30.5684, 41.2228, 62.2228
YIQ	151.6230, -80.1860, -22.5700

Conversions

Conversions Part 2

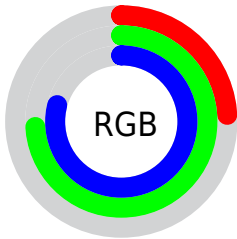
Format	Color
RYB	61, 128, 202
Decimal	4046026
CIELab	70.33, -29.55, -17.12
CIElCh	70, 34.152, 210.087
Yxy	41.2228, 0.2281, 0.3076
Android (android.graphics.Color)	4282236106 (0xFF3DBCCA)
YUV	151.6230, 24.8359, -79.4764
Hunter-Lab	64.2050, -27.3739, -12.5160

Details

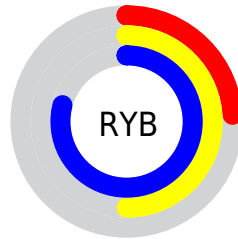
The Android color `4282236106` is a dark color, and the websafe version is hex `66CCCC`. The color can be described as middle muted azure. A complement of this color would be `4291447613`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286576127`, and `4278224532` is the 20% darker color. If you saturate the color by 10%, you get `4280924874`, and if you desaturate by 10%, it is `4283547338`.

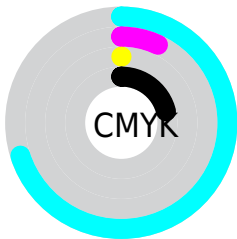
Distribution



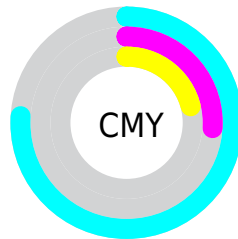
- Red (24%)
- Green (74%)
- Blue (79%)



- Red (24%)
- Yellow (50%)
- Blue (79%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (76%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282236106 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 4282236106 by changing the saturation by 10% instead.

 4282236106

 4282236106

4294967295

 4278362543

 4286576127

 4278224532

 4288544767

 4278218106

 4290510847

 4278211681

 4292542463

 4278205514

 4294508543

 4278199859

 4278191134

 4278190081

 4278190080

■ 4282236106

■ 4282236106

■ 4280924874

■ 4283547338

■ 4279613642

■ 4284858570

■ 4278236874

■ 4286235338

■ 4287546570

■ 4288857802

■ 4290169034

■ 4291480266

■ 4292857034

■ 4294168266

Harmonies

Analogous

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



4283874731



4282236106



4283611105

Triad

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



4282236106



4292057803



4290882158

Complementary

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



4282236106



4291447613

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.



4292517751



4282236106



4293301421

Square

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



4282236106



4289766626



4293433230



4288721781

Rectangle

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



4282236106



4285641449



4293433230



4291471215

Sweetspot

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



4282236106



4291427071



4282239561



4284513408



4278190080



4286611584

Same Dimension

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



4282236106



4280937215



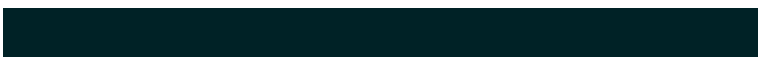
4282218698



4284245350



4278228390



4278198822

Inverse Universe

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



4291444156



4294912490



4291465021



4284898405



4289069205



4280680482

Previews

White Background



This preview shows how the Android color 4282236106 looks on a white background.

Color Contrast Check

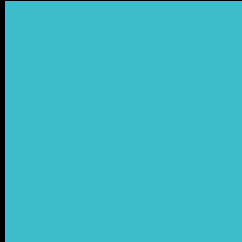
Large Text (above 18pt) WCAG AA × Fail

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 4282236106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

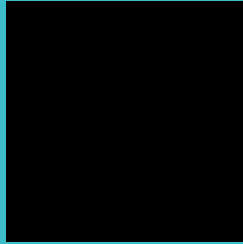
Any Text WCAG AA ✓ Pass

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 4282236106 Background



This preview shows how black text looks on a background with the Android color 4282236106.



This preview shows how white text looks on a background with the Android color 4282236106.

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

4282236106



Protanomaly

4286689474



Deuteranomaly

4286754765



Tritanomaly

4282301643

Monochromacy



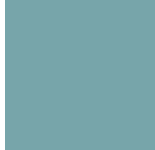
Original Color

4282236106



Achromatopsia

4288190616



Achromatomaly

4286031274

CSS Examples

Text

The CSS property to change the color of the text to Android 4282236106 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(61, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(61, 188, 202)  
}
```

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(61, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 188, 202) }
```

Border

The CSS property to change the border of an element to Android 4282236106 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(61, 188, 202) }
```

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

```
.border{ border-color:rgb(61, 188, 202) }
```

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

Here you see how a box with a 4 pixel rgb(61, 188, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(61, 188,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4282236106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 188, 202) }
```

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

```
.background{ background-color: rgb(61, 188,  
202) }
```

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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