

Converting Colors

Android(4282438633)

Have a look what the booklet for
Android(4282438633) contains.

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Color

Android(4282438633)

Conversions

Conversions Part 1

Format	Color
Hex	40D3E9
RGB	64, 211, 233
RGB Percent	25%, 83%, 91%
CMY	0.7490, 0.1725, 0.0863
CMYK	0.73, 0.09, 0.00, 0.09
HSL	188°, 79%, 58%
HSV	188°, 73%, 91%
XYZ	40.1166, 53.5617, 85.3149
YIQ	169.5550, -94.6740, -24.3220

Conversions

Conversions Part 2

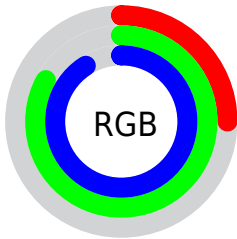
Format	Color
RYB	64, 143, 233
Decimal	4248553
CIELab	78.21, -31.00, -21.96
CIELCh	78, 37.989, 215.312
Yxy	53.5617, 0.2241, 0.2992
Android (android.graphics.Color)	4282438633 (0xFF40D3E9)
YUV	169.5550, 31.2784, -92.5717
Hunter-Lab	73.1859, -30.2311, -17.8860

Details

The Android color `4282438633` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293482048`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4287037439`, and `4278230193` is the 20% darker color. If you saturate the color by 10%, you get `4280930537`, and if you desaturate by 10%, it is `4283946729`.

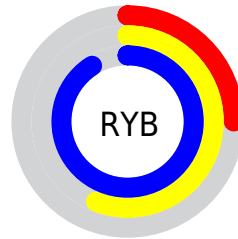
Distribution



Red (25%)

Green (83%)

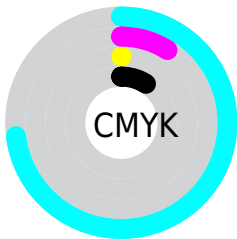
Blue (91%)



Red (25%)

Yellow (56%)

Blue (91%)

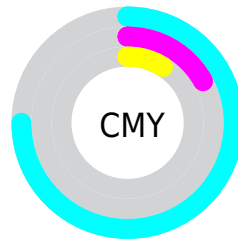


Cyan (73%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282438633 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 4282438633 by changing the saturation by 10% instead.

 4282438633

 4282438633

4294967295


 4278237133

 4287037439

 4278230193

 4289134591

 4278223511

 4291166207

 4278216829

 4293197823

 4278210660

 4278204492

 4278199349

 4278190624

 4278190084

■ 4282438633

■ 4282438633

■ 4280930537

■ 4283946729

■ 4279356905

■ 4285520361

■ 4278242281

■ 4287028457

■ 4288536553

■ 4290044649

■ 4291618281

■ 4293126377

■ 4294634473

■ 4294962921

Harmonies

Analogous

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



4284011975



4282438633



4284665343

Triad

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



4282438633



4294159328



4292067707

Complementary

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



4282438633



4293482048

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.



4294096258



4282438633



4294944444

Square

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



4282438633



4291737339



4294945690



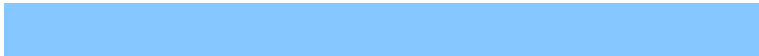
4289579911

Rectangle

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



4282438633



4287088639



4294945690



4292787579

Sweetspot

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



4282438633



4291295487



4282444116



4284382080



4278190080



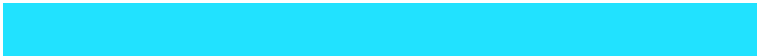
4286611584

Same Dimension

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



4282438633



4280410879



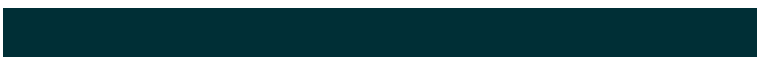
4282417641



4285166709



4278230453



4278202166

Inverse Universe

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



4293476563



4294910434



4293503040



4285885044



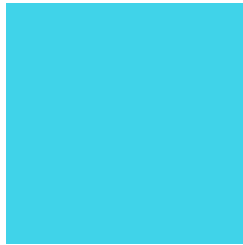
4290052253



4281729071

Previews

White Background



This preview shows how the Android color 4282438633 looks on a white background.

Color Contrast Check

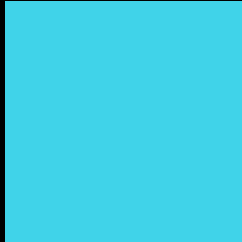
Large Text (above 18pt) WCAG AA × Fail

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 4282438633 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 4282438633 Background



This preview shows how black text looks on a background with the Android color 4282438633.



This preview shows how white text looks on a background with the Android color 4282438633.

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](#).

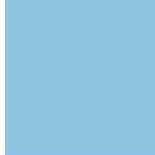
Dichromacy



Trichromacy



Original Color
4282438633



Protanomaly
4287547104



Deuteranomaly
4287546604

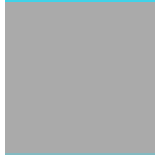


Tritanomaly
4282307814

Monochromacy



Original Color
4282438633



Achromatopsia
4289374890



Achromatomaly
4286822849

CSS Examples

Text

The CSS property to change the color of the text to Android 4282438633 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, 211, 233)` looks like.

```
.text, #text, p{  
    color:rgb(64, 211, 233)  
}
```

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, 211, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 211, 233) }
```

Border

The CSS property to change the border of an element to Android 4282438633 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, 211, 233) }
```

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

```
.border{ border-color:rgb(64, 211, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 211, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 211, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 211, 233);  
box-shadow:4px 4px 4px 4px rgb(64, 211,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4282438633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 211, 233) }
```

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

```
.background{ background-color: rgb(64, 211,  
233) }
```

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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