

Converting Colors

Android(4282233037)

Have a look what the booklet for
Android(4282233037) contains.

Android(4282233037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282233037)

Conversions

Conversions Part 1

Format	Color
Hex	3DB0CD
RGB	61, 176, 205
RGB Percent	24%, 69%, 80%
CMY	0.7608, 0.3098, 0.1961
CMYK	0.70, 0.14, 0.00, 0.20
HSL	192°, 59%, 52%
HSV	192°, 70%, 80%
XYZ	28.4692, 36.4505, 63.2928
YIQ	144.9210, -77.8490, -15.3610

Conversions

Conversions Part 2

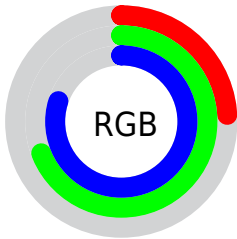
Format	Color
R _Y B	61, 125, 205
Decimal	4042957
CIE Lab	66.86, -22.63, -24.05
CIE LCh	67, 33.019, 226.745
Yxy	36.4505, 0.2220, 0.2843
Android (android.graphics.Color)	4282233037 (0xFF3DB0CD)
YUV	144.9210, 29.6189, -73.5987
Hunter-Lab	60.3743, -21.4841, -19.8941

Details

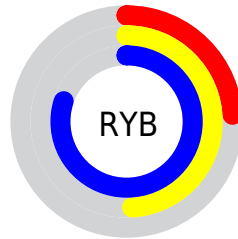
The Android color `4282233037` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle muted azure. A complement of this color would be `4291648061`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286507263`, and `4278221719` is the 20% darker color. If you saturate the color by 10%, you get `4280921293`, and if you desaturate by 10%, it is `4283610317`.

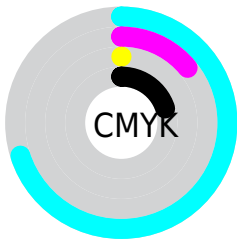
Distribution



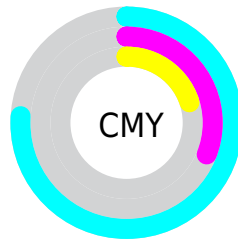
- Red (24%)
- Green (69%)
- Blue (80%)



- Red (24%)
- Yellow (49%)
- Blue (80%)



- Cyan (70%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282233037 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 4282233037 by changing the saturation by 10% instead.

 4282233037

 4282233037

4294967295

 4278556081

 4286507263

 4278221719

 4288479231

 4278215293

 4290445311

 4278209124

 4292476927

 4278203212

 4294443007

 4278198069

 4278190624

 4278190083

 4278190080

■ 4282233037

■ 4282233037

■ 4280921293

■ 4283610317

■ 4279544013

■ 4284922061

■ 4278232269

■ 4286299341

■ 4287611341

■ 4288988621

■ 4290300365

■ 4291677645

■ 4292989389

■ 4294366669

Harmonies

Analogous

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



4282364851



4282233037



4284787164

Triad

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



4282233037



4292185521



4289111657

Complementary

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



4282233037



4291648061

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.



4291009641



4282233037



4292775059

Square

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



4282233037



4290483660



4292252537



4286885497

Rectangle

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



4282233037



4286882781



4292252537



4289766247

Sweetspot

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



4282233037



4291425535



4282240346



4284512640



4278190080



4286611584

Same Dimension

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



4282233037



4280931583



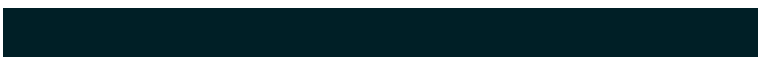
4282214605



4284245094



4278224038



4278198054

Inverse Universe

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



4291640752



4294912468



4291666493



4284898404



4289069188



4280680479

Previews

White Background



This preview shows how the Android color 4282233037 looks on a white background.

Color Contrast Check

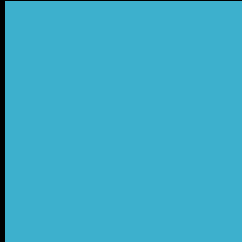
Large Text (above 18pt) WCAG AA × Fail

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 4282233037 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 4282233037 Background



This preview shows how black text looks on a background with the Android color 4282233037.



This preview shows how white text looks on a background with the Android color 4282233037.

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

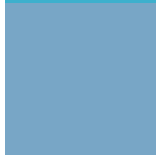


Trichromacy



Original Color

4282233037



Protanomaly

4286097094



Deuteranomaly

4286031312



Tritanomaly

4281905605

Monochromacy



Original Color

4282233037



Achromatopsia

4287730065



Achromatomaly

4285701287

CSS Examples

Text

The CSS property to change the color of the text to Android 4282233037 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, 176, 205)` looks like.

```
.text, #text, p{  
    color:rgb(61, 176, 205)  
}
```

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, 176, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 176, 205) }
```

Border

The CSS property to change the border of an element to Android 4282233037 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, 176, 205) }
```

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

```
.border{ border-color:rgb(61, 176, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 176, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 176, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 176, 205);  
box-shadow:4px 4px 4px 4px rgb(61, 176,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4282233037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 176, 205) }
```

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

```
.background{ background-color: rgb(61, 176,  
205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor