

# Converting Colors

Android(4282102473)

Have a look what the booklet for  
Android(4282102473) contains.

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# **Color**

**Android(4282102473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BB2C9
RGB	59, 178, 201
RGB Percent	23%, 70%, 79%
CMY	0.7686, 0.3020, 0.2118
CMYK	0.71, 0.11, 0.00, 0.21
HSL	190°, 57%, 51%
HSV	190°, 71%, 79%
XYZ	28.2666, 36.9876, 60.9079
YIQ	145.0410, -78.3070, -18.0750

# Conversions

## Conversions Part 2

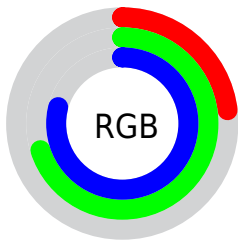
Format	Color
R <sub>YB</sub>	59, 124, 201
Decimal	3912393
CIE Lab	67.27, -25.17, -21.23
CIE LCh	67, 32.923, 220.144
Yxy	36.9876, 0.2241, 0.2932
Android (android.graphics.Color)	4282102473 (0xFF3BB2C9)
YUV	145.0410, 27.5878, -75.4580
Hunter-Lab	60.8175, -23.4676, -16.8059

# Details

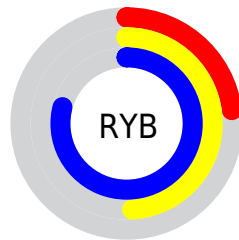
The Android color `4282102473` is a dark color, and the websafe version is hex `66CCCC`. The color can be described as middle muted azure. A complement of this color would be `4291383867`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286442239`, and `4278222227` is the 20% darker color. If you saturate the color by 10%, you get `4280790985`, and if you desaturate by 10%, it is `4283413961`.

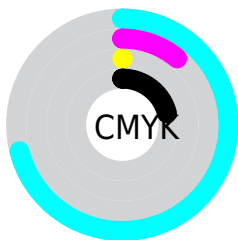
# Distribution



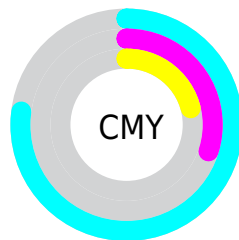
- Red (23%)
- Green (70%)
- Blue (79%)



- Red (23%)
- Yellow (49%)
- Blue (79%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (77%)
- Magenta (30%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282102473 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 4282102473 by changing the saturation by 10% instead.



 4282102473

 4282102473

4294967295

 4278228910

 4286442239

 4278222227

 4288413695

 4278215801

 4290379775

 4278209632

 4292345855

 4278203464

 4294311935

 4278198578

 4278190621

 4278190080

 4282102473

 4282102473

■ 4280790985

■ 4283413961

■ 4279479241

■ 4284725705

■ 4278233289

■ 4286037193

■ 4287348681

■ 4288725705

■ 4290037449

■ 4291348937

■ 4292660425

■ 4293971913

# Harmonies

## Analogous

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



4282889389



4282102473



4284263643

# Triad

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



4282102473



4291924153



4289635689

# Complementary

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



4282102473



4291383867

# 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.



4291402604



4282102473



4292775323

# Square

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



4282102473



4290025681



4292514431



4287475062

# Rectangle

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



4282102473



4286293983



4292514431



4290290280

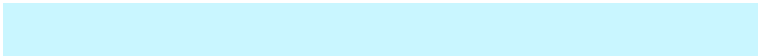


# Sweetspot

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



4282102473



4291426047



4282108240



4284512896



4278190080



4286611584

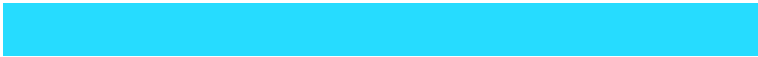


# Same Dimension

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



4282102473



4280737023



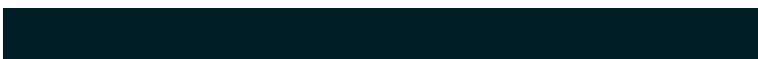
4282084809



4284113507



4278225315



4278197796



# Inverse Universe

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



4291378098



4294911708



4291401531



4284701282



4288872585



4280549406



# Previews

## White Background



This preview shows how the Android color 4282102473 looks on a white background.

## Color Contrast Check

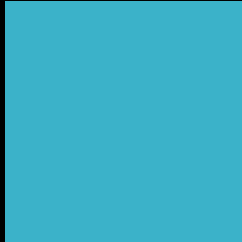
Large Text (above 18pt) WCAG AA × Fail

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 4282102473 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

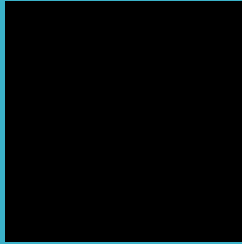
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282102473 Background



This preview shows how black text looks on a background with the Android color 4282102473.

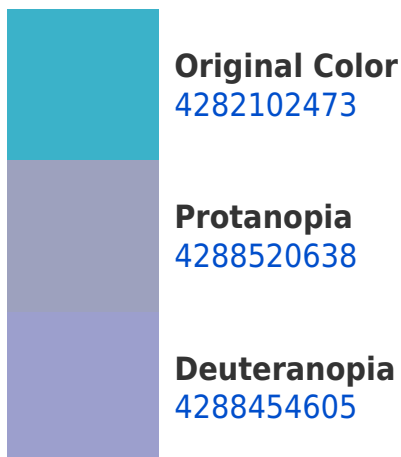


This preview shows how white text looks on a background with the Android color 4282102473.

# 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**

4282102473



**Protanomaly**

4286162882



**Deuteranomaly**

4286162636



**Tritanomaly**

4281906117

# Monochromacy



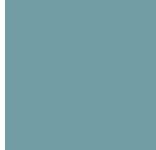
**Original Color**

4282102473



**Achromatopsia**

4287730065



**Achromatomaly**

4285701541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282102473 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(59, 178, 201)` looks like.

```
.text, #text, p{  
    color:rgb(59, 178, 201)  
}
```

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(59, 178, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 178, 201) }
```

## Border

The CSS property to change the border of an element to Android 4282102473 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(59, 178, 201) }
```

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

```
.border{ border-color:rgb(59, 178, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 178, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 178, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 178, 201);  
box-shadow:4px 4px 4px 4px rgb(59, 178,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4282102473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 178, 201) }
```

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

```
.background{ background-color: rgb(59, 178,  
201) }
```

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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