

# Converting Colors

Android(4282558381)

Have a look what the booklet for  
Android(4282558381) contains.

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# **Color**

**Android(4282558381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A7AD
RGB	66, 167, 173
RGB Percent	26%, 65%, 68%
CMY	0.7412, 0.3451, 0.3216
CMYK	0.62, 0.03, 0.00, 0.32
HSL	183°, 45%, 47%
HSV	183°, 62%, 68%
XYZ	23.6083, 31.8128, 44.4314
YIQ	137.4850, -62.1220, -19.5460

# Conversions

## Conversions Part 2

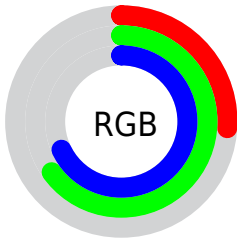
Format	Color
<a href="#">RYB</a>	<a href="#">66, 118, 173</a>
Decimal	<a href="#">4368301</a>
CIELab	<a href="#">63.19, -27.03, -11.81</a>
CIELCh	<a href="#">63, 29.496, 203.612</a>
Yxy	<a href="#">31.8128, 0.2364, 0.3186</a>
Android (android.graphics.Color)	<a href="#">4282558381</a> ( <a href="#">0xFF42A7AD</a> )
YUV	<a href="#">137.4850, 17.5089, -62.6923</a>
Hunter-Lab	<a href="#">56.4028, -23.9910, -7.2237</a>

# Details

The Android color `4282558381` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289546306`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4286504676`, and `4278219641` is the 20% darker color. If you saturate the color by 10%, you get `4281444013`, and if you desaturate by 10%, it is `4283672749`.

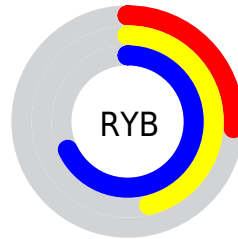
# Distribution



Red (26%)

Green (65%)

Blue (68%)



Red (26%)

Yellow (46%)

Blue (68%)

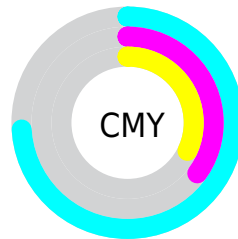


Cyan (62%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (74%)

Magenta (35%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282558381 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 4282558381 by changing the saturation by 10% instead.





4282558381



4282558381

4294967295



4280126610



4286504676



4278219641



4288412671



4278213216



4290314239



4278207048



4292214783



4278201138



4294180863



4278195229



4278190080



4282558381



4282558381



4281444013



4283672749

■ 4280264109

■ 4284852653

■ 4279149741

■ 4285967021

■ 4278231981

■ 4287081389

■ 4288261293

■ 4289375661

■ 4290490029

■ 4291604397

■ 4292784301

# Harmonies

## Analogous

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



4284065682



4282558381



4283081922

# Triad

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



4282558381



4290087864



4289762661

# Complementary

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



4282558381



4289546306

# 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.



4291071344



4282558381



4291331744

# Square

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



4282558381



4287993033



4291659397



4288061032

# Rectangle

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



4282558381



4284522699



4291659397



4290286183



# Sweetspot

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



4282558381



4290174688



4282559815



4283854704



4293980400



4285558896



# Same Dimension

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



4282558381



4282046432



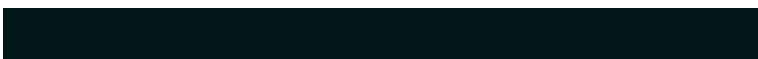
4282544813



4283323991



4278226582



4278195735



# Inverse Universe

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



4289544871



4292885207



4289559874



4283911766



4288020622



4279697430



# Previews

## White Background



This preview shows how the Android color 4282558381 looks on a white background.

## Color Contrast Check

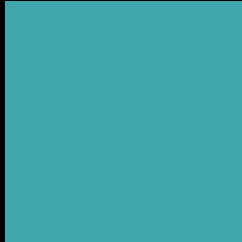
Large Text (above 18pt) WCAG AA × Fail

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 4282558381 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 4282558381 Background



This preview shows how black text looks on a background with the Android color 4282558381.

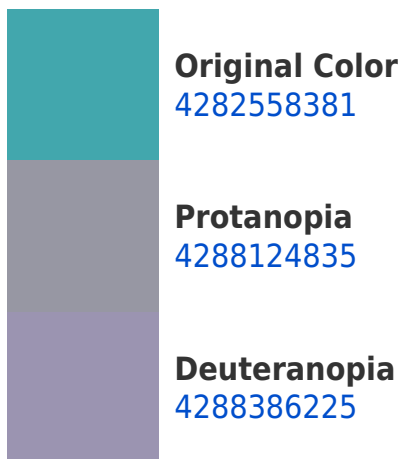


This preview shows how white text looks on a background with the Android color 4282558381.

# 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**  
4282558381



**Protanomaly**  
4286094759



**Deuteranomaly**  
4286290864



**Tritanomaly**  
4282689201

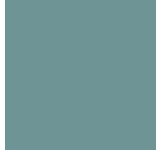
# Monochromacy



**Original Color**  
4282558381



**Achromatopsia**  
4287203721



**Achromatomaly**  
4285502614

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282558381 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(66, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(66, 167, 173)  
}
```

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(66, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 167, 173) }
```

## Border

The CSS property to change the border of an element to Android 4282558381 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(66, 167, 173) }
```

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

```
.border{ border-color:rgb(66, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(66, 167,  
173) }
```

# Background

The CSS property to change the background color of an element to Android 4282558381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 167, 173) }
```

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

```
.background{ background-color: rgb(66, 167,  
173) }
```

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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