

# Converting Colors

Android(4282558113)

Have a look what the booklet for  
Android(4282558113) contains.

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**Color**

**Android(4282558113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A6A1
RGB	66, 166, 161
RGB Percent	26%, 65%, 63%
CMY	0.7412, 0.3490, 0.3686
CMYK	0.60, 0.00, 0.03, 0.35
HSL	177°, 43%, 45%
HSV	177°, 60%, 65%
XYZ	22.3160, 31.0039, 38.5264
YIQ	135.5300, -57.9950, -22.7550

# Conversions

## Conversions Part 2

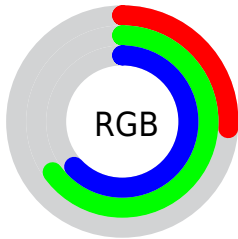
Format	Color
<a href="#">RYB</a>	<a href="#">66, 117, 166</a>
Decimal	<a href="#">4368033</a>
CIELab	<a href="#">62.51, -29.95, -6.09</a>
CIElCh	<a href="#">63, 30.565, 191.502</a>
Yxy	<a href="#">31.0039, 0.2430, 0.3376</a>
Android (android.graphics.Color)	<a href="#">4282558113 (0xFF42A6A1)</a>
YUV	<a href="#">135.5300, 12.5567, -60.9778</a>
Hunter-Lab	<a href="#">55.6811, -25.9024, -2.0466</a>

# Details

The Android color `4282558113` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289086023`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4286438872`, and `4278219374` is the 20% darker color. If you saturate the color by 10%, you get `4281444000`, and if you desaturate by 10%, it is `4283672226`.

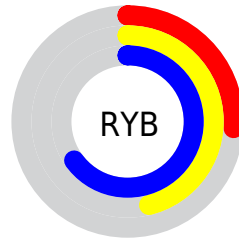
# Distribution



Red (26%)

Green (65%)

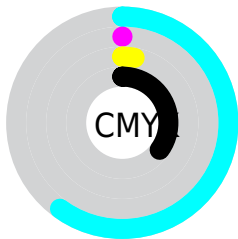
Blue (63%)



Red (26%)

Yellow (46%)

Blue (65%)

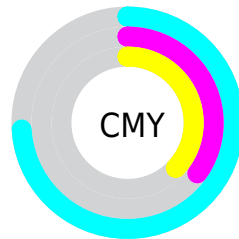


Cyan (60%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (74%)

Magenta (35%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282558113 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 4282558113 by changing the saturation by 10% instead.





4282558113



4282558113

4294967295



4280257415



4286438872



4278219374



4288281332



4278212949



4290183167



4278206782



4292083711



4278200872



4294049791



4278194452



4278190080



4282558113



4282558113



4281444000



4283672226

■ 4280395423

■ 4284720803

■ 4279281311

■ 4285834915

■ 4278232734

■ 4286883492

■ 4287997605

■ 4289111718

■ 4290160295

■ 4291274408

■ 4292322984

# Harmonies

## Analogous

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



4284589445



4282558113



4282033338

# Triad

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



4282558113



4289236160



4290285668

# Complementary

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



4282558113



4289086023

# 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.



4291397492



4282558113



4290938281

# Square

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



4282558113



4286748364



4291658638



4288649569

# Rectangle

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



4282558113



4283146694



4291658638



4290743656



# Sweetspot

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



4282558113



4289911255



4282885698



4283854444



4293783021



4285427310



# Same Dimension

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



4282558113



4282243537



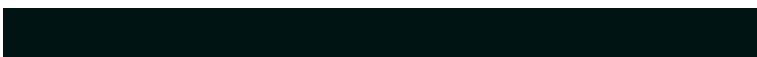
4282547110



4283192404



4278228109



4278195219



# Inverse Universe

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



4289086023



4292427076



4289097538



4283714636



4287889415

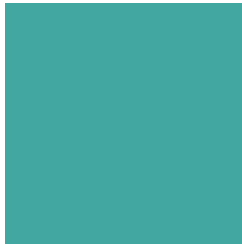


4279500801



# Previews

## White Background



This preview shows how the Android color 4282558113 looks on a white background.

## Color Contrast Check

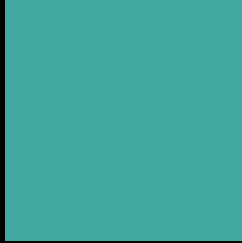
Large Text (above 18pt) WCAG AA × Fail

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 4282558113 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 4282558113 Background



This preview shows how black text looks on a background with the Android color 4282558113.

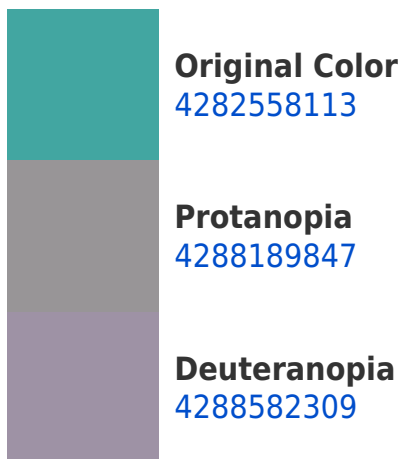


This preview shows how white text looks on a background with the Android color 4282558113.

# 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**

4282558113



**Protanomaly**

4286159771



**Deuteranomaly**

4286421412



**Tritanomaly**

4282820011

# Monochromacy



**Original Color**

4282558113



**Achromatopsia**

4287137928



**Achromatomaly**

4285502353

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282558113 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, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(66, 166, 161)  
}
```

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, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 166, 161) }
```

## Border

The CSS property to change the border of an element to Android 4282558113 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, 166, 161) }
```

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

```
.border{ border-color:rgb(66, 166, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(66, 166,  
161) }
```

# Background

The CSS property to change the background color of an element to Android 4282558113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 166, 161) }
```

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

```
.background{ background-color: rgb(66, 166,  
161) }
```

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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