

# Converting Colors

Android(4280119408)

Have a look what the booklet for  
Android(4280119408) contains.

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# Color

**Android(4280119408)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D7070
RGB	29, 112, 112
RGB Percent	11%, 44%, 44%
CMY	0.8863, 0.5608, 0.5608
CMYK	0.74, 0.00, 0.00, 0.56
HSL	180°, 59%, 28%
HSV	180°, 74%, 44%
XYZ	9.2255, 13.0194, 17.3560
YIQ	87.1830, -49.4680, -17.5960

# Conversions

## Conversions Part 2

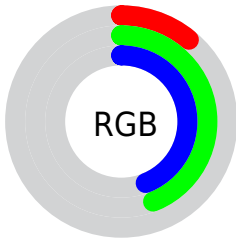
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 71, 112
Decimal	1929328
CIE Lab	42.79, -23.63, -7.07
CIE LCh	43, 24.668, 196.666
Yxy	13.0194, 0.2330, 0.3288
Android (android.graphics.Color)	4280119408 (0xFF1D7070)
YUV	87.1830, 12.2348, -51.0265
Hunter-Lab	36.0824, -17.5056, -3.2614

# Details

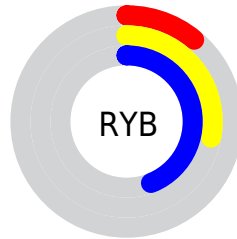
The Android color `4280119408` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285537565`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4283999396`, and `4278206528` is the 20% darker color. If you saturate the color by 10%, you get `4279398512`, and if you desaturate by 10%, it is `4280840304`.

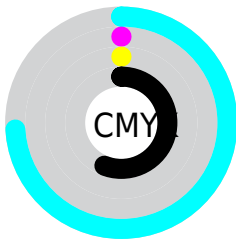
# Distribution



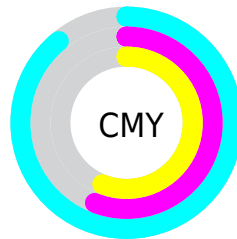
- Red (11%)
- Green (44%)
- Blue (44%)



- Red (11%)
- Yellow (28%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (89%)
- Magenta (56%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280119408 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 4280119408 by changing the saturation by 10% instead.





4280119408



4280119408

4294967295



4278212440



4283999396



4278206528



4285775807



4278200618



4287618011



4278194710



4289460471



4278190080



4291297279



4293197823



4280119408



4280119408



4279398512



4280840304

■ 4278677616

■ 4281561200

■ 4278218864

■ 4282347632

■ 4283068528

■ 4283789424

■ 4284510320

■ 4285231216

■ 4286017648

■ 4286738544

# Harmonies

## Analogous

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



4281823067



4280119408



4279922306

# Triad

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



4280119408



4285947009



4286275902

# Complementary

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



4280119408



4285537565

# 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.



4287126088



4280119408



4287059567

# Square

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



4280119408



4284113804



4287452762



4284966717

# Rectangle

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



4280119408



4281232266



4287452762



4286602816



# Sweetspot

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



4280119408



4285632913



4280119325



4281813578



4291414473



4283058762



# Same Dimension

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



4280119408



4279275921



4280108656



4281481272



4278220920



4278253559



# Inverse Universe

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



4285537648



4287697041



4285548061



4281872952



4286054520



4294377719



# Previews

## White Background



This preview shows how the Android color 4280119408 looks on a white background.

## Color Contrast Check

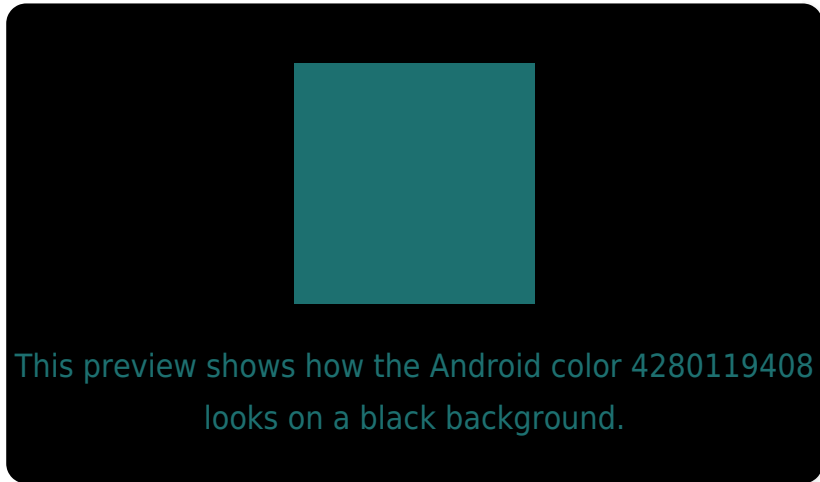
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

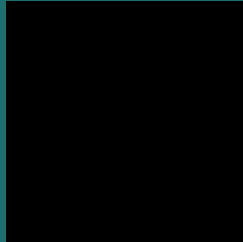
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280119408 Background



This preview shows how black text looks on a background with the Android color 4280119408.



This preview shows how white text looks on a background with the Android color 4280119408.

# 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



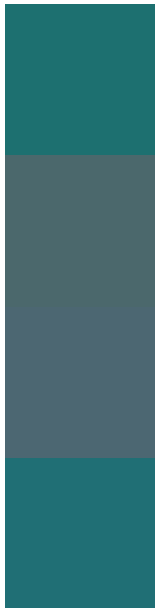
**Original Color**  
4280119408

**Protanopia**  
4284834921

**Deuteranopia**  
4284965491



# Trichromacy



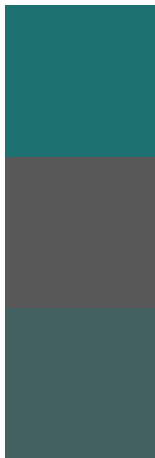
**Original Color**  
4280119408

**Protanomaly**  
4283132012

**Deuteranomaly**  
4283197298

**Tritanomaly**  
4280315765

# Monochromacy



**Original Color**  
4280119408

**Achromatopsia**  
4283914071

**Achromatomaly**  
4282540128

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280119408 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(29, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(29, 112, 112)  
}
```

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(29, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 112, 112) }
```

## Border

The CSS property to change the border of an element to Android 4280119408 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(29, 112, 112) }
```

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

```
.border{ border-color:rgb(29, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(29, 112,  
112) }
```

# Background

The CSS property to change the background color of an element to Android 4280119408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 112, 112) }
```

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

```
.background{ background-color: rgb(29, 112,  
112) }
```

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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