

# Converting Colors

Android(4282031033)

Have a look what the booklet for  
Android(4282031033) contains.

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# Color

**Android(4282031033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A9BB9
RGB	58, 155, 185
RGB Percent	23%, 61%, 73%
CMY	0.7725, 0.3922, 0.2745
CMYK	0.69, 0.16, 0.00, 0.27
HSL	194°, 52%, 48%
HSV	194°, 69%, 73%
XYZ	22.2232, 27.8450, 50.1023
YIQ	129.4170, -67.4420, -11.2340

# Conversions

## Conversions Part 2

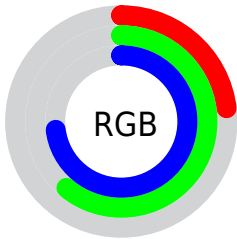
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 113, 185
Decimal	3840953
CIELab	59.75, -18.47, -23.80
CIELCh	60, 30.131, 232.189
Yxy	27.8450, 0.2219, 0.2780
Android (android.graphics.Color)	4282031033 (0xFF3A9BB9)
YUV	129.4170, 27.4024, -62.6327
Hunter-Lab	52.7684, -17.1700, -19.3565

# Details

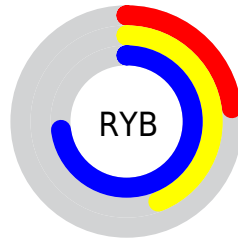
The Android color `4282031033` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4290336826`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4286108401`, and `4278216836` is the 20% darker color. If you saturate the color by 10%, you get `4280850361`, and if you desaturate by 10%, it is `4283277241`.

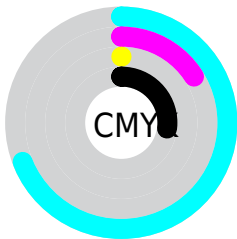
# Distribution



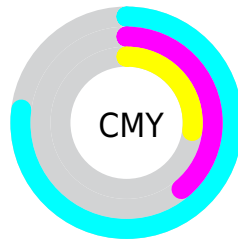
- Red (23%)
- Green (61%)
- Blue (73%)



- Red (23%)
- Yellow (44%)
- Blue (73%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (77%)
- Magenta (39%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282031033 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 4282031033 by changing the saturation by 10% instead.



 4282031033

 4282031033

4294967295

 4278878622

 4286108401

 4278216836

 4288016127

 4278210411

 4289986559

 4278204498

 4291887103

 4278199099

 4293853183

 4278190630

 4278190350

 4278190080

 4282031033

 4282031033

■ 4280850361

■ 4283277241

■ 4279603897

■ 4284458169

■ 4278423225

■ 4285704377

■ 4278226361

■ 4286885049

■ 4288131513

■ 4289312185

■ 4290558649

■ 4291739321

■ 4292985529

# Harmonies

## Analogous

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



4281638563



4282031033



4284519876

# Triad

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



4282031033



4290739352



4287534174

# Complementary

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



4282031033



4290336826

# 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.



4289236059



4282031033



4291067261

# Square

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



4282031033



4289430193



4290544487



4285504367

# Rectangle

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



4282031033



4286353347



4290544487



4288123484



# Sweetspot

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



4282031033



4290634992



4282038616



4284117368



4294440951



4286085240



# Same Dimension

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



4282031033



4281057776



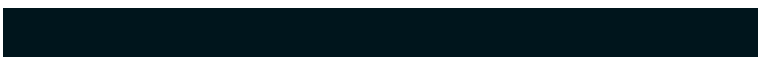
4282014905



4283652700



4278220700



4278195484



# Inverse Universe

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



4290329243



4293929921



4290352954



4284240730



4288413815



4280025109



# Previews

## White Background



This preview shows how the Android color 4282031033 looks on a white 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

# Black Background



This preview shows how the Android color 4282031033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

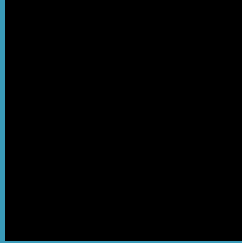
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4282031033 Background



This preview shows how black text looks on a background with the Android color 4282031033.



This preview shows how white text looks on a background with the Android color 4282031033.

# 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**

4282031033



**Protanomaly**

4285240243



**Deuteranomaly**

4285108923



**Tritanomaly**

4281638319

# Monochromacy



**Original Color**

4282031033



**Achromatopsia**

4286677377



**Achromatomaly**

4284975765

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282031033 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(58, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(58, 155, 185)  
}
```

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(58, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 155, 185) }
```

## Border

The CSS property to change the border of an element to Android 4282031033 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(58, 155, 185) }
```

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

```
.border{ border-color:rgb(58, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(58, 155,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4282031033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 155, 185) }
```

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

```
.background{ background-color: rgb(58, 155,  
185) }
```

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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