

# Converting Colors

Android(4282680235)

Have a look what the booklet for  
Android(4282680235) contains.

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# Color

**Android(4282680235)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4483AB
RGB	68, 131, 171
RGB Percent	27%, 51%, 67%
CMY	0.7333, 0.4863, 0.3294
CMYK	0.60, 0.23, 0.00, 0.33
HSL	203°, 43%, 47%
HSV	203°, 60%, 67%
XYZ	17.8509, 20.4018, 41.5252
YIQ	116.7230, -50.3880, -0.9160

# Conversions

## Conversions Part 2

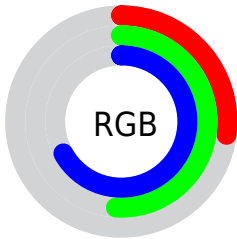
Format	Color
R <sub>Y</sub> B	68, 107, 171
Decimal	4490155
CIE Lab	52.29, -8.01, -27.30
CIE LCh	52, 28.450, 253.647
Yxy	20.4018, 0.2238, 0.2557
Android (android.graphics.Color)	4282680235 (0xFF4483AB)
YUV	116.7230, 26.7586, -42.7301
Hunter-Lab	45.1684, -8.5001, -22.8899

# Details

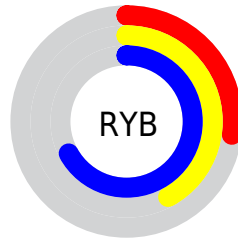
The Android color `4282680235` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289424452`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4286429410`, and `4278211191` is the 20% darker color. If you saturate the color by 10%, you get `4281564331`, and if you desaturate by 10%, it is `4283796139`.

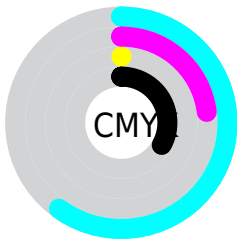
# Distribution



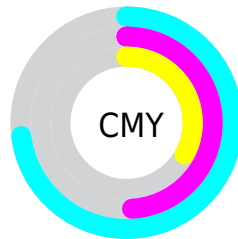
- Red (27%)
- Green (51%)
- Blue (67%)



- Red (27%)
- Yellow (42%)
- Blue (67%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (49%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282680235 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 4282680235 by changing the saturation by 10% instead.



 4282680235

 4282680235

4294967295

 4280576656

 4286429410

 4278211191

 4288271615

 4278205278

 4290113791

 4278199622

 4292018175

 4278194479


 4293984255

 4278190362

 4278190080

 4282680235

 4282680235

 4281564331

 4283796139

■ 4280448683

■ 4284911787

■ 4279332779

■ 4286027691

■ 4278217131

■ 4287143595

■ 4288259243

■ 4289440683

■ 4290556331

■ 4291672235

■ 4292788139

# Harmonies

## Analogous

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



4280453278



4282680235



4285299628

# Triad

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



4282680235



4289555058



4284974425

# Complementary

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



4282680235



4289424452

# 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.



4286742349



4282680235



4289228636

# Square

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



4282680235



4288965771



4288247630



4283009390

# Rectangle

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



4282680235



4286870949



4288247630



4285563731



# Sweetspot

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



4282680235



4290170590



4282690411



4283983728



4293980400



4285558896



# Same Dimension

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



4282680235



4282294494



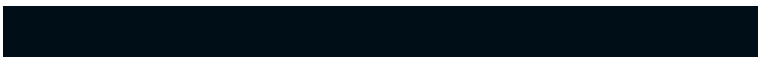
4282667179



4283323223



4278213782



4278193687



# Inverse Universe

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



4289414275



4292755104



4289437508



4283911763



4288020572



4279697422



# Previews

## White Background



This preview shows how the Android color 4282680235 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 4282680235 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 4282680235 Background



This preview shows how black text looks on a background with the Android color 4282680235.



This preview shows how white text looks on a background with the Android color 4282680235.

# 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**  
4282680235

**Protanomaly**  
4284513959

**Deuteranomaly**  
4284317356

**Tritanomaly**  
4282222235

# Monochromacy



**Original Color**  
4282680235

**Achromatopsia**  
4285887861

**Achromatomaly**  
4284709513

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282680235 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(68, 131, 171)` looks like.

```
.text, #text, p{  
    color:rgb(68, 131, 171)  
}
```

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(68, 131, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 131, 171) }
```

## Border

The CSS property to change the border of an element to Android 4282680235 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(68, 131, 171) }
```

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

```
.border{ border-color:rgb(68, 131, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 131, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 131, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 131, 171);  
box-shadow:4px 4px 4px 4px rgb(68, 131,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4282680235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 131, 171) }
```

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

```
.background{ background-color: rgb(68, 131,  
171) }
```

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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