

# Converting Colors

Android(4282885301)

Have a look what the booklet for  
Android(4282885301) contains.

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# **Color**

**Android(4282885301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47A4B5
RGB	71, 164, 181
RGB Percent	28%, 64%, 71%
CMY	0.7216, 0.3569, 0.2902
CMYK	0.61, 0.09, 0.00, 0.29
HSL	189°, 44%, 49%
HSV	189°, 61%, 71%
XYZ	24.2145, 31.2267, 48.4672
YIQ	138.1310, -60.8850, -14.4290

# Conversions

## Conversions Part 2

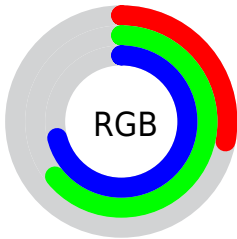
Format	Color
<a href="#">RYB</a>	<a href="#">71, 121, 181</a>
Decimal	<a href="#">4695221</a>
CIELab	<a href="#">62.70, -22.25, -17.02</a>
CIElCh	<a href="#">63, 28.013, 217.414</a>
Yxy	<a href="#">31.2267, 0.2330, 0.3005</a>
Android (android.graphics.Color)	<a href="#">4282885301 (0xFF47A4B5)</a>
YUV	<a href="#">138.1310, 21.1344, -58.8739</a>
Hunter-Lab	<a href="#">55.8809, -20.4433, -12.3074</a>




# Details

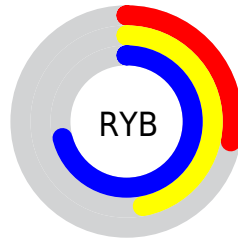
The Android color `4282885301` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290074695`, and the grayscale version is `4287269514`.




A 20% lighter version of the original color is `4286766061`, and `4278218880` is the 20% darker color. If you saturate the color by 10%, you get `4281704885`, and if you desaturate by 10%, it is `4284065717`.

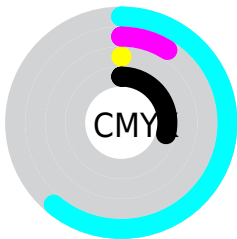
# Distribution







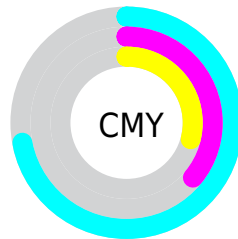
-  Red (28%)
-  Green (64%)
-  Blue (71%)






-  Red (28%)
-  Yellow (47%)
-  Blue (71%)



-  Cyan (61%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (72%)
-  Magenta (36%)
-  Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282885301 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 4282885301 by changing the saturation by 10% instead.





4282885301



4282885301

4294967295



4280650394



4286766061



4278218880



4288674047



4278212455



4290576383



4278206543



4292476927



4278200632



4294443007



4278194979



4278190091



4278190080



4282885301



4282885301

■ 4281704885

■ 4284065717

■ 4280524469

■ 4285246133

■ 4279344309

■ 4286426293

■ 4278229429

■ 4287606709

■ 4288852661

■ 4290033077

■ 4291213493

■ 4292393653

■ 4293574069

# Harmonies

## Analogous

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



4283475357



4282885301



4284260293

# Triad

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



4282885301



4290545835



4288911462

# Complementary

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



4282885301



4290074695

# 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.



4290351210



4282885301



4291397010

# Square

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



4282885301



4288909247



4291266683



4287143791

# Rectangle

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



4282885301



4285832137



4291266683



4289434982



# Sweetspot

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



4282885301



4290831595



4282889559



4284182901



4294309365



4285887861



# Same Dimension

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



4282885301



4282372331



4282871477



4283455577



4278223257



4278195738



# Inverse Universe

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



4290070436



4293607376



4290088775



4284043352



4288217217



4279894038



# Previews

## White Background



This preview shows how the Android color 4282885301 looks on a white background.

## Color Contrast Check

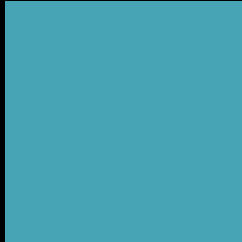
Large Text (above 18pt) WCAG AA × Fail

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 4282885301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

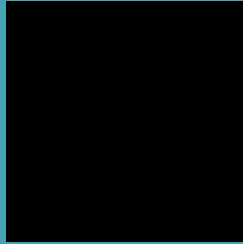
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4282885301 Background



This preview shows how black text looks on a background with the Android color 4282885301.




This preview shows how white text looks on a background with the Android color 4282885301.

# 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





**Tritanopia**  
4282820018

# Trichromacy



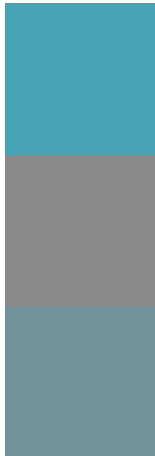
**Original Color**  
4282885301

**Protanomaly**  
4286028719

**Deuteranomaly**  
4286094008

**Tritanomaly**  
4282820019

# Monochromacy



**Original Color**  
4282885301

**Achromatopsia**  
4287269514

**Achromatomaly**  
4285698970

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282885301 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(71, 164, 181)` looks like.

```
.text, #text, p{  
    color:rgb(71, 164, 181)  
}
```

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(71, 164, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 164, 181) }
```

## Border

The CSS property to change the border of an element to Android 4282885301 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(71, 164, 181) }
```

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

```
.border{ border-color:rgb(71, 164, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 164, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 164, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 164, 181);  
box-shadow:4px 4px 4px 4px rgb(71, 164,  
181) }
```

# Background

The CSS property to change the background color of an element to Android 4282885301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 164, 181) }
```

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

```
.background{ background-color: rgb(71, 164,  
181) }
```

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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