

# Converting Colors

Android(4290030827)

Have a look what the booklet for  
Android(4290030827) contains.

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# **Color**

**Android(4290030827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4ACEB
RGB	180, 172, 235
RGB Percent	71%, 67%, 92%
CMY	0.2941, 0.3255, 0.0784
CMYK	0.23, 0.27, 0.00, 0.08
HSL	248°, 61%, 80%
HSV	248°, 27%, 92%
XYZ	48.5703, 45.2065, 84.7631
YIQ	181.5740, -15.4550, 21.2890

# Conversions

## Conversions Part 2

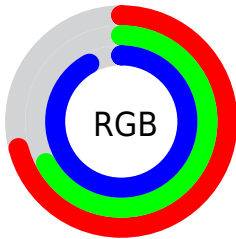
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">180, 172, 235</a>
Decimal	<a href="#">11840747</a>
CIELab	<a href="#">73.03, 16.00, -30.49</a>
CIELCh	<a href="#">73, 34.432, 297.695</a>
Yxy	<a href="#">45.2065, 0.2720, 0.2532</a>
Android (android.graphics.Color)	<a href="#">4290030827 (0xFFB4ACEB)</a>
YUV	<a href="#">181.5740, 26.3390, -1.3804</a>
Hunter-Lab	<a href="#">67.2358, 11.2836, -27.6809</a>

# Details

The Android color `4290030827` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4293127084`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4293780479`, and `4286478515` is the 20% darker color. If you saturate the color by 10%, you get `4288648683`, and if you desaturate by 10%, it is `4291413227`.

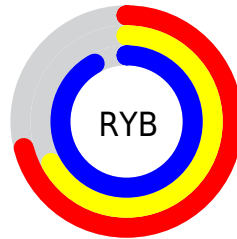
# Distribution



Red (71%)

Green (67%)

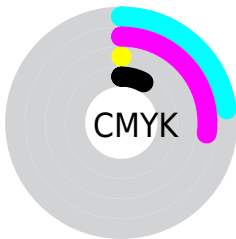
Blue (92%)



Red (71%)

Yellow (67%)

Blue (92%)

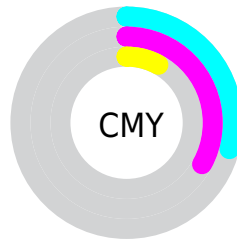


Cyan (23%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (29%)

Magenta (33%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290030827 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 4290030827 by changing the saturation by 10% instead.



 4290030827

 4290030827

4294967295

 4288254415

 4293780479

 4286478515

 4284768152

 4283123582

 4281479525

 4279835724

 4278321973

 4278190623

 4278190083

■ 4290030827

■ 4290030827

■ 4288648683

■ 4291413227

■ 4287331819

■ 4292729835

■ 4285949675

■ 4294112235

■ 4284632811

■ 4294967275

■ 4283250667

■ 4281933803

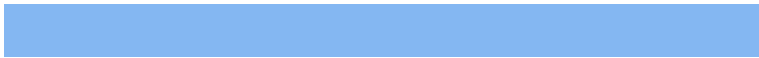
■ 4280551659

■ 4280156395

# Harmonies

## Analogous

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



4286887922



4290030827



4292452821

# Triad

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



4290030827



4293174911



4284531888

# Complementary

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



4290030827



4293127084

# 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.



4287021457



4290030827



4291539060

# Square

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



4290030827



4294024600



4289378939



4282827983

# Rectangle

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



4290030827



4293500354



4289378939



4285318309



# Sweetspot

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



4290030827



4293782527



4289520875



4285821824



4278190080



4286611584



# Same Dimension

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



4290030827



4290293247



4292062443



4285229685



4279697589



4278648886



# Inverse Universe

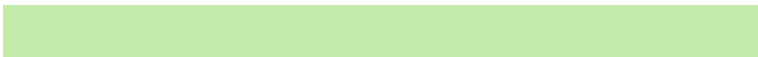
The Inverse Universe completely reimagines the original color for something new.



4293635299



4294946293



4291095468



4285885044



4290052254



4281729071



# Previews

## White Background



This preview shows how the Android color 4290030827 looks on a white background.

## Color Contrast Check

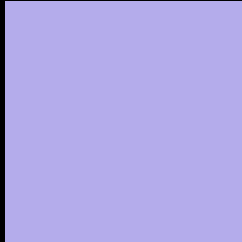
Large Text (above 18pt) WCAG AA × Fail

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 4290030827 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 4290030827 Background



This preview shows how black text looks on a background with the Android color 4290030827.



This preview shows how white text looks on a background with the Android color 4290030827.

# 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**  
4290030827

**Protanomaly**  
4289310702

**Deuteranomaly**  
4289507306

**Tritanomaly**  
4289704401

# Monochromacy



**Original Color**  
4290030827

**Achromatopsia**  
4290164406

**Achromatomaly**  
4290097865

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290030827 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(180, 172, 235)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 235)  
}
```

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(180, 172, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 235) }
```

## Border

The CSS property to change the border of an element to Android 4290030827 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(180, 172, 235) }
```

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

```
.border{ border-color:rgb(180, 172, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 235);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4290030827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 235) }
```

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

```
.background{ background-color: rgb(180,  
172, 235) }
```

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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