

# Converting Colors

Android(4290758120)

Have a look what the booklet for  
Android(4290758120) contains.

<b>Android(4290758120)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4290758120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFC5E8</a>
RGB	<a href="#">191, 197, 232</a>
RGB Percent	<a href="#">75%, 77%, 91%</a>
CMY	<a href="#">0.2510, 0.2275, 0.0902</a>
CMYK	<a href="#">0.18, 0.15, 0.00, 0.09</a>
HSL	<a href="#">231°, 47%, 83%</a>
HSV	<a href="#">231°, 18%, 91%</a>
XYZ	<a href="#">56.0176, 56.8351, 84.3618</a>
YIQ	<a href="#">199.1960, -14.8110, 9.6130</a>

# Conversions

## Conversions Part 2

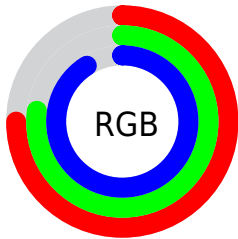
Format	Color
R <sub>Y</sub> B	191, 196, 232
Decimal	12568040
CIE Lab	80.09, 5.04, -18.03
CIE LCh	80, 18.718, 285.631
Yxy	56.8351, 0.2840, 0.2882
Android (android.graphics.Color)	4290758120 (0xFFBFC5E8)
YUV	199.1960, 16.1724, -7.1879
Hunter-Lab	75.3890, 0.7031, -13.5743

# Details

The Android color `4290758120` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293452479`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4294508287`, and `4287205296` is the 20% darker color. If you saturate the color by 10%, you get `4289245672`, and if you desaturate by 10%, it is `4292270568`.

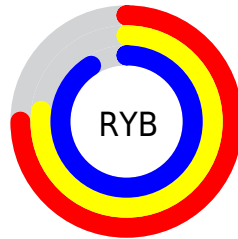
# Distribution



Red (75%)

Green (77%)

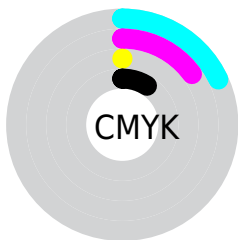
Blue (91%)



Red (75%)

Yellow (77%)

Blue (91%)

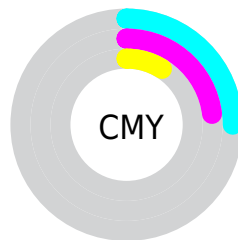


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (23%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290758120 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 4290758120 by changing the saturation by 10% instead.



 4290758120

 4290758120

4294967295

 4288981708

 4294508287

 4287205296

 4285494934

 4283850108

 4282336867

 4280758091

 4279311156

 4278190111

 4278190082

■ 4290758120

■ 4290758120

■ 4289245672

■ 4292270568

■ 4287733224

■ 4293783016

■ 4286155496

■ 4294967272

■ 4284643048

■ 4283130600

■ 4281618152

■ 4280105704

■ 4278527976

■ 4278199016

# Harmonies

## Analogous

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



4289317864



4290758120



4292198367

# Triad

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



4290758120



4293442990



4288991421

# Complementary

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



4290758120



4293452479

# 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.



4290235822



4290758120



4292658085

# Square

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



4290758120



4293639102



4291545253



4288270799

# Rectangle

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



4290758120



4292918485



4291545253



4289384376



# Sweetspot

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



4290758120



4294112511



4290767074



4286085504



4278190080



4286611584



# Same Dimension

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



4290758120



4291416575



4291674088



4284967283



4278196915



4278191923



# Inverse Universe

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



4293443525



4294953425



4292536511



4285753193



4289921050

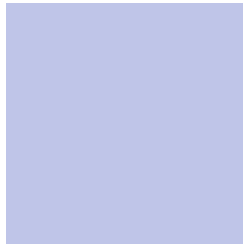


4281532423



# Previews

## White Background



This preview shows how the Android color 4290758120 looks on a white background.

## Color Contrast Check

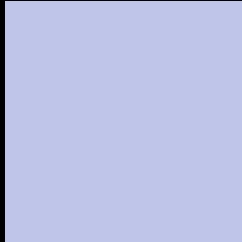
Large Text (above 18pt) WCAG AA × Fail

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 4290758120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

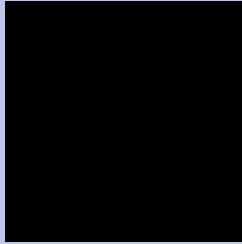
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4290758120 Background



This preview shows how black text looks on a background with the Android color 4290758120.



This preview shows how white text looks on a background with the Android color 4290758120.

# 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**  
4290758120

**Protanopia**  
4290823656

**Deuteranopia**  
4291412713



# Trichromacy



**Original Color**  
4290758120

**Protanomaly**  
4290823656

**Deuteranomaly**  
4291150825

**Tritanomaly**  
4290627550

# Monochromacy



**Original Color**  
4290758120

**Achromatopsia**  
4291282887

**Achromatomaly**  
4291086035

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290758120 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(191, 197, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 232)  
}
```

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(191, 197, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 232) }
```

## Border

The CSS property to change the border of an element to Android 4290758120 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(191, 197, 232) }
```

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

```
.border{ border-color:rgb(191, 197, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4290758120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 232) }
```

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

```
.background{ background-color: rgb(191,  
197, 232) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor