

# Converting Colors

Android(4290123752)

Have a look what the booklet for  
Android(4290123752) contains.

<b>Android(4290123752)</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(4290123752)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B617E8
RGB	182, 23, 232
RGB Percent	71%, 9%, 91%
CMY	0.2863, 0.9098, 0.0902
CMYK	0.22, 0.90, 0.00, 0.09
HSL	286°, 82%, 50%
HSV	286°, 90%, 91%
XYZ	34.1633, 16.3841, 77.7058
YIQ	94.3670, 27.6750, 98.7070

# Conversions

## Conversions Part 2

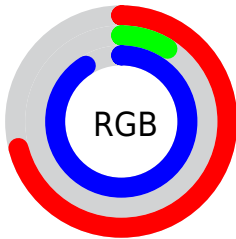
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 23, 232
Decimal	11933672
CIE <sub>Lab</sub>	47.47, 81.91, -69.29
CIE <sub>LCh</sub>	47, 107.284, 319.770
Yxy	16.3841, 0.2664, 0.1277
Android (android.graphics.Color)	4290123752 (0xFFB617E8)
YUV	94.3670, 67.8531, 76.8541
Hunter-Lab	40.4772, 79.8210, -85.4873

# Details

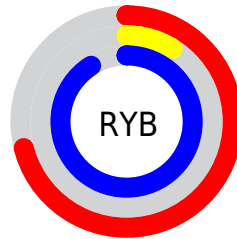
The Android color `4290123752` is a dark color, and the websafe version is hex `CC33FF`. The color can be described as middle washed purple. A complement of this color would be `4283033623`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4294140415`, and `4286251183` is the 20% darker color. If you saturate the color by 10%, you get `4289724648`, and if you desaturate by 10%, it is `4290522856`.

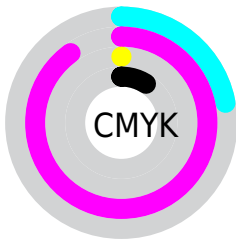
# Distribution



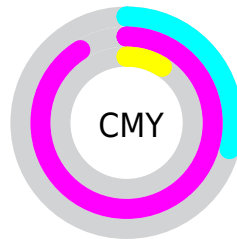
- Red (71%)
- Green (9%)
- Blue (91%)



- Red (71%)
- Yellow (9%)
- Blue (91%)



- Cyan (22%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (91%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290123752 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 4290123752 by changing the saturation by 10% instead.



 4290123752

 4290123752

4294967295

 4288151755

 4294140415

 4286251183

 4294934527

 4284285076

 4294941951

 4282253433

 4294949631

 4280221791

 4294957055

 4278190150

 4294964991

 4278191151

 4278190361

 4278190080

■ 4290123752

■ 4290123752

■ 4289724648

■ 4290522856

■ 4290856424

■ 4291255784

■ 4291589352

■ 4291988456

■ 4292322024

■ 4292721128

■ 4293054952

■ 4293454056

# Harmonies

## Analogous

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



4278217215



4290123752



4294508692

# Triad

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



4290123752



4288897536



4278227628

# Complementary

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



4290123752



4283033623

# 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.



4278226765



4290123752



4283399680

# Square

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



4290123752



4292811264



4278225408



4278227453

# Rectangle

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



4290123752



4294901849



4278225408



4278227341



# Sweetspot

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



4290123752



4293901055



4279716840



4285945728



4278190080



4286611584



# Same Dimension

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



4290123752



4290904319



4293400500



4285556595



4287103155



4280746035



# Inverse Universe

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



4293400393



4294901821



4279756875



4285753194



4289921067

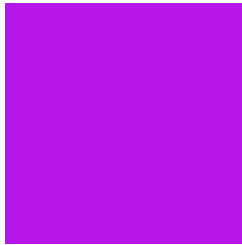


4281532428



# Previews

## White Background



This preview shows how the Android color 4290123752 looks on a white background.

## Color Contrast Check

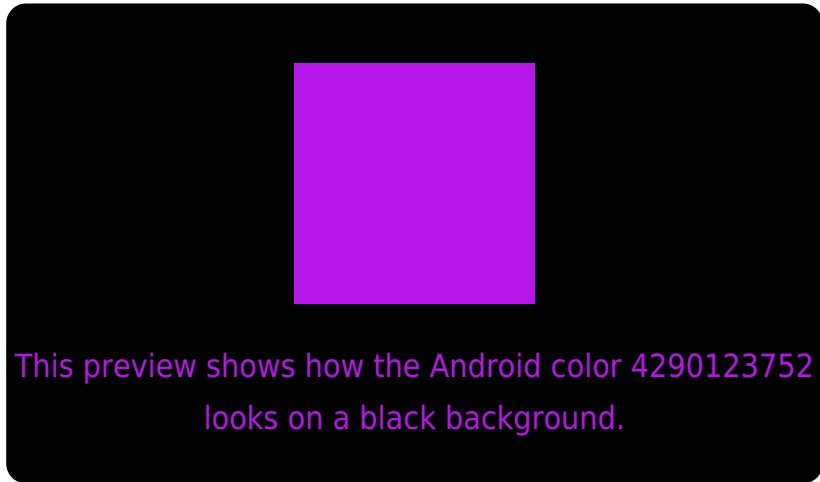
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4290123752 Background



This preview shows how black text looks on a background with the Android color 4290123752.



This preview shows how white text looks on a background with the Android color 4290123752.

# 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**

4290123752

**Protanopia**

4278218215

**Deuteranopia**

4278219978



# Trichromacy



**Original Color**

4290123752



**Protanomaly**

4282535655



**Deuteranomaly**

4282536661



**Tritanomaly**

4289283219

# Monochromacy



**Original Color**

4290123752



**Achromatopsia**

4284374622



**Achromatomaly**

4286465168

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290123752 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(182, 23, 232)` looks like.

```
.text, #text, p{  
    color:rgb(182, 23, 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(182, 23, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 23, 232) }
```

## Border

The CSS property to change the border of an element to Android 4290123752 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(182, 23, 232) }
```

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

```
.border{ border-color:rgb(182, 23, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 23, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 23, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 23, 232); box-shadow:4px 4px 4px 4px rgb(182, 23, 232) }
```

# Background

The CSS property to change the background color of an element to Android 4290123752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 23, 232) }
```

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

```
.background{ background-color: rgb(182, 23,  
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**