

# Converting Colors

Android(4283372232)

Have a look what the booklet for  
Android(4283372232) contains.

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# Color

**Android(4283372232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F12C8
RGB	79, 18, 200
RGB Percent	31%, 7%, 78%
CMY	0.6902, 0.9294, 0.2157
CMYK	0.60, 0.91, 0.00, 0.22
HSL	260°, 83%, 43%
HSV	260°, 91%, 78%
XYZ	13.8661, 6.2650, 55.1220
YIQ	56.9870, -22.0660, 69.5340

# Conversions

## Conversions Part 2

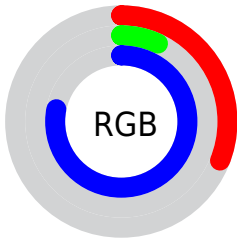
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	79, 18, 200
Decimal	5182152
CIE Lab	30.07, 64.63, -79.97
CIE LCh	30, 102.818, 308.946
Yxy	6.2650, 0.1843, 0.0833
Android (android.graphics.Color)	4283372232 (0xFF4F12C8)
YUV	56.9870, 70.5054, 19.3054
Hunter-Lab	25.0300, 55.0827, -113.0497

# Details

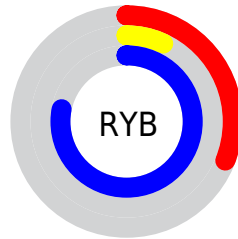
The Android color `4283372232` is a dark color, and the websafe version is hex `6600CC`. The color can be described as dark washed blue. A complement of this color would be `4287350802`, and the grayscale version is `4281874488`.

A 20% lighter version of the original color is `4287581695`, and `4278190224` is the 20% darker color. If you saturate the color by 10%, you get `4282581192`, and if you desaturate by 10%, it is `4284229320`.

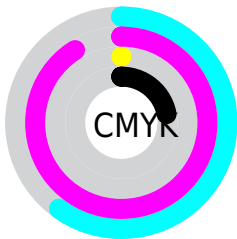
# Distribution



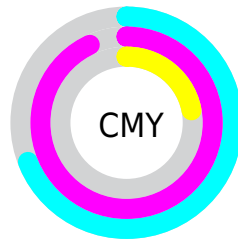
- Red (31%)
- Green (7%)
- Blue (78%)



- Red (31%)
- Yellow (7%)
- Blue (78%)



- Cyan (60%)
- Magenta (91%)
- Yellow (0%)
- Black (22%)



- Cyan (69%)
- Magenta (93%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283372232 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 4283372232 by changing the saturation by 10% instead.





4283372232



4283372232

4294967295



4280811692



4287581695



4278190224



4289554431



4278190198



4291592959



4278190172



4293566207



4278191939



4294949631



4278190892



4294956799



4278190358



4294964223



4278190080



4283372232



4283372232

■ 4282581192

■ 4284229320

■ 4285151944

■ 4286009032

■ 4286866120

■ 4287723208

■ 4288645832

■ 4289502920

■ 4290360008

■ 4291282632

# Harmonies

## Analogous

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



4278210541



4283372232



4289659010

# Triad

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



4283372232



4286785536



4278214750

# Complementary

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



4283372232



4287350802

# 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.



4278213888



4283372232



4282534912

# Square

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



4283372232



4289724416



4278212864



4278215341

# Rectangle

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



4283372232



4290904142



4278212864



4278214466



# Sweetspot

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



4283372232



4291934975



4279405512



4284766080



4278190080



4286611584



# Same Dimension

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



4283372232



4283760895



4289336008



4284308067



4281794723



4278976548



# Inverse Universe

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



4291302027



4294901930



4281387026



4284701280



4288872557

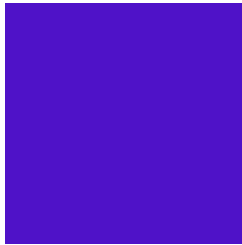


4280549400



# Previews

## White Background



This preview shows how the Android color 4283372232 looks on a white background.

## Color Contrast Check

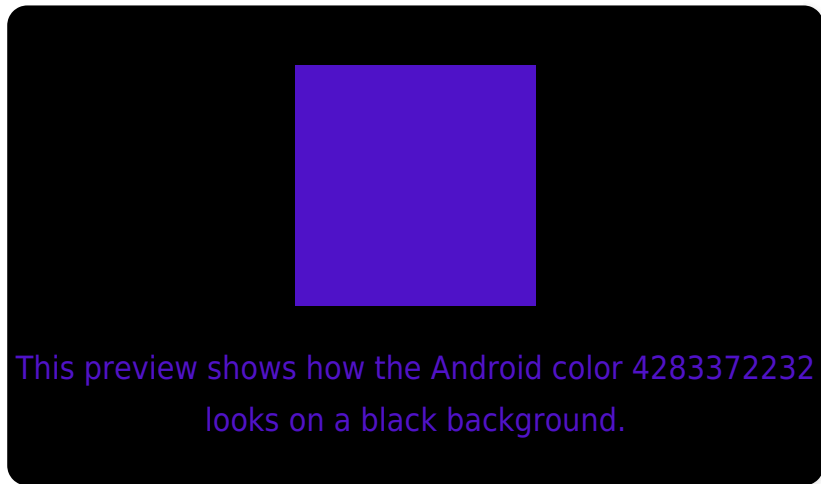
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

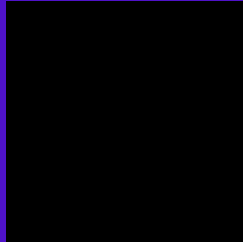
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283372232 Background



This preview shows how black text looks on a background with the Android color 4283372232.



This preview shows how white text looks on a background with the Android color 4283372232.

# 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**

4283372232

**Protanopia**

4278207889

**Deuteranopia**

4278209148



# Trichromacy



**Original Color**  
4283372232

**Protanomaly**  
4280103589

**Deuteranomaly**  
4280104600

**Tritanomaly**  
4280891775

# Monochromacy



**Original Color**  
4283372232

**Achromatopsia**  
4281940281

**Achromatomaly**  
4282461037

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283372232 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(79, 18, 200)` looks like.

```
.text, #text, p{  
    color:rgb(79, 18, 200)  
}
```

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(79, 18, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 18, 200) }
```

## Border

The CSS property to change the border of an element to Android 4283372232 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(79, 18, 200) }
```

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

```
.border{ border-color:rgb(79, 18, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 18, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 18, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 18, 200);  
box-shadow:4px 4px 4px 4px rgb(79, 18,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4283372232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 18, 200) }
```

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

```
.background{ background-color: rgb(79, 18,  
200) }
```

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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