

# Converting Colors

Android(4279257256)

Have a look what the booklet for  
Android(4279257256) contains.

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# Color

**Android(4279257256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1048A8
RGB	16, 72, 168
RGB Percent	6%, 28%, 66%
CMY	0.9373, 0.7176, 0.3412
CMYK	0.90, 0.57, 0.00, 0.34
HSL	218°, 83%, 36%
HSV	218°, 90%, 66%
XYZ	9.5989, 7.5720, 38.0014
YIQ	66.2000, -64.1920, 17.9840

# Conversions

## Conversions Part 2

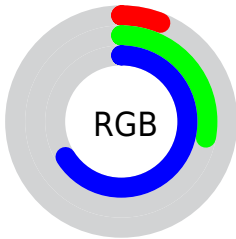
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 57, 168
Decimal	1067176
CIE <sub>Lab</sub>	33.08, 21.31, -56.20
CIE <sub>LCh</sub>	33, 60.106, 290.768
Yxy	7.5720, 0.1740, 0.1372
Android (android.graphics.Color)	4279257256 (0xFF1048A8)
YUV	66.2000, 50.1874, -44.0254
Hunter-Lab	27.5173, 14.1112, -62.6173

# Details

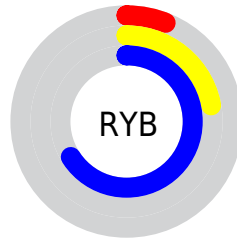
The Android color `4279257256` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289228816`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4284315872`, and `4278197875` is the 20% darker color. If you saturate the color by 10%, you get `4278206120`, and if you desaturate by 10%, it is `4280374184`.

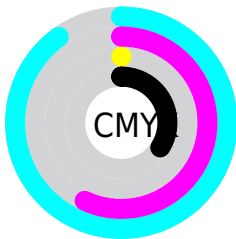
# Distribution



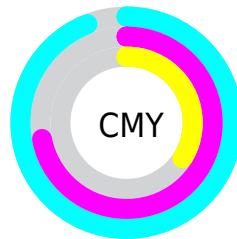
- Red (6%)
- Green (28%)
- Blue (66%)



- Red (6%)
- Yellow (22%)
- Blue (66%)



- Cyan (90%)
- Magenta (57%)
- Yellow (0%)
- Black (34%)



- Cyan (94%)
- Magenta (72%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279257256 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 4279257256 by changing the saturation by 10% instead.



 4279257256

 4279257256

4294967295

 4278203021

 4284315872

 4278197875

 4286288381

 4278191962

 4288261375

 4278191937

 4290168831

 4278190890

 4292142079

 4278190356

 4294115327

 4278190080

 4279257256

 4279257256

 4278206120

 4280374184

■ 4281490856

■ 4282542248

■ 4283658920

■ 4284775848

■ 4285892776

■ 4287009448

■ 4288060840

■ 4289177512

# Harmonies

## Analogous

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



4278212781



4279257256



4285934987

# Triad

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



4279257256



4287376896



4278214973

# Complementary

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



4279257256



4289228816

# 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.



4278213891



4279257256



4285286144

# Square

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



4279257256



4288481072



4282471680



4278215278

# Rectangle

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



4279257256



4287697518



4282471680



4278214700



# Sweetspot

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



4279257256



4288722651



4279281774



4283127662



4293783021



4285427310



# Same Dimension

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



4279257256



4278211035



4280422568



4283191124



4278204052



4278192148



# Inverse Universe

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



4289204296



4292542545



4288063504



4283714639



4287889462



4279500808



# Previews

## White Background



This preview shows how the Android color 4279257256 looks on a white background.

## Color Contrast Check

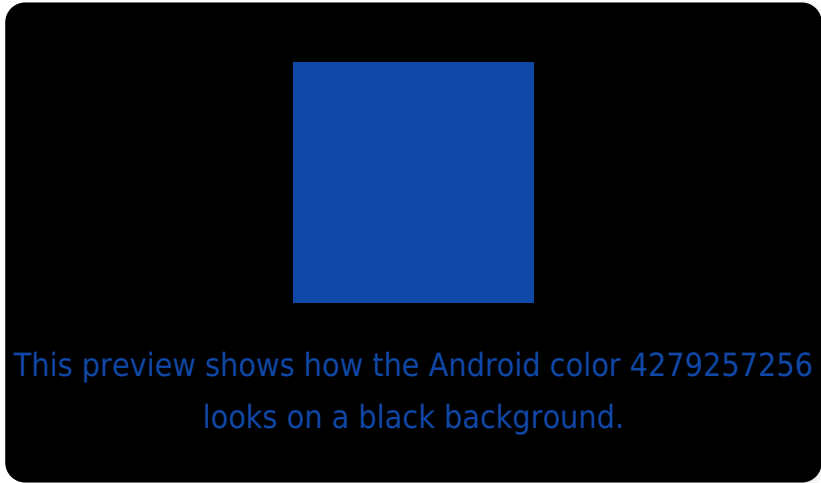
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279257256 Background



This preview shows how black text looks on a background with the Android color 4279257256.



This preview shows how white text looks on a background with the Android color 4279257256.

# 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**

4279257256

**Protanopia**

4278209439

**Deuteranopia**

4278210697



# Trichromacy



**Original Color**

4279257256

**Protanomaly**

4278602402

**Deuteranomaly**

4278603156

**Tritanomaly**

4278604152

# Monochromacy



**Original Color**

4279257256

**Achromatopsia**

4282532418

**Achromatomaly**

4281353319

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279257256 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(16, 72, 168)` looks like.

```
.text, #text, p{  
    color:rgb(16, 72, 168)  
}
```

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(16, 72, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 72, 168) }
```

## Border

The CSS property to change the border of an element to Android 4279257256 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(16, 72, 168) }
```

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

```
.border{ border-color:rgb(16, 72, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 72, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 72, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 72, 168);  
box-shadow:4px 4px 4px 4px rgb(16, 72,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4279257256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 72, 168) }
```

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

```
.background{ background-color: rgb(16, 72,  
168) }
```

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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