

# Converting Colors

Android(4279260824)

Have a look what the booklet for  
Android(4279260824) contains.

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# Color

**Android(4279260824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	105698
RGB	16, 86, 152
RGB Percent	6%, 34%, 60%
CMY	0.9373, 0.6627, 0.4039
CMYK	0.89, 0.43, 0.00, 0.40
HSL	209°, 81%, 33%
HSV	209°, 89%, 60%
XYZ	9.2090, 9.0327, 30.9639
YIQ	72.5940, -62.9060, 5.6860

# Conversions

## Conversions Part 2

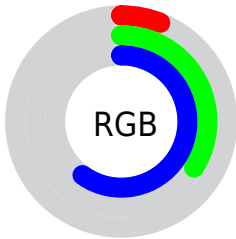
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 62, 152
Decimal	1070744
CIE <sub>Lab</sub>	36.05, 5.31, -41.78
CIE <sub>LCh</sub>	36, 42.120, 277.236
Yxy	9.0327, 0.1872, 0.1836
Android (android.graphics.Color)	4279260824 (0xFF105698)
YUV	72.5940, 39.1472, -49.6329
Hunter-Lab	30.0545, 2.0986, -40.0458

# Details

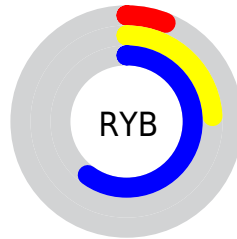
The Android color `4279260824` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288172560`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4283992015`, and `4278200932` is the 20% darker color. If you saturate the color by 10%, you get `4278275992`, and if you desaturate by 10%, it is `4280245656`.

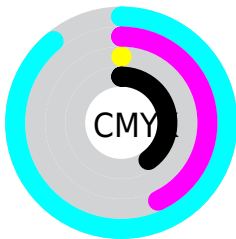
# Distribution



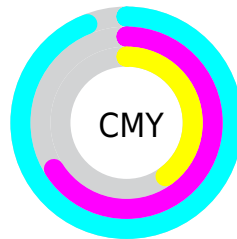
- Red (6%)
- Green (34%)
- Blue (60%)



- Red (6%)
- Yellow (24%)
- Blue (60%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (40%)



- Cyan (94%)
- Magenta (66%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279260824 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 4279260824 by changing the saturation by 10% instead.



 4279260824

 4279260824

4294967295

 4278206334

 4283992015

 4278200932

 4285899243

 4278195788

 4287806719

 4278191413

 4289714431

 4278190623

 4291622143

 4278190081

 4293525503

 4278190080

 4279260824

 4279260824

 4278275992

 4280245656

■ 4278210200

■ 4281230744

■ 4282281112

■ 4283266200

■ 4284251032

■ 4285235864

■ 4286220952

■ 4287271320

■ 4288256152

# Harmonies

## Analogous

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



4278214547



4279260824



4284565643

# Triad

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



4279260824



4287446062



4278215481

# Complementary

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



4279260824



4288172560

# 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.



4282015258



4279260824



4286204179

# Square

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



4279260824



4287706190



4284372486



4278216028

# Rectangle

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



4279260824



4286201466



4284372486



4279525934



# Sweetspot

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



4279260824



4287605700



4279277650



4282668131



4293125091



4284703587



# Same Dimension

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



4279260824



4278216132



4279243416



4282730829



4278208652



4278191885



# Inverse Universe

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



4288155734



4291035237



4288189968



4283254089



4287365192



4279042055



# Previews

## White Background



This preview shows how the Android color 4279260824 looks on a white background.

## Color Contrast Check

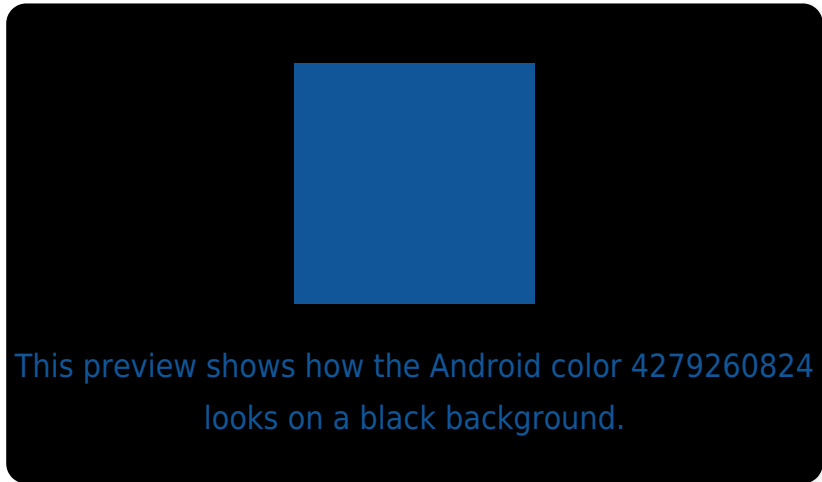
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279260824 Background



This preview shows how black text looks on a background with the Android color 4279260824.



This preview shows how white text looks on a background with the Android color 4279260824.

# 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**  
4279260824

**Protanopia**  
4281750164

**Deuteranopia**  
4279129752



# Trichromacy



**Original Color**  
4279260824

**Protanomaly**  
4280832917

**Deuteranomaly**  
4279195288

**Tritanomaly**  
4278606712

# Monochromacy



**Original Color**  
4279260824

**Achromatopsia**  
4282992969

**Achromatomaly**  
4281618022

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279260824 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, 86, 152)` looks like.

```
.text, #text, p{  
    color:rgb(16, 86, 152)  
}
```

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, 86, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 86, 152) }
```

## Border

The CSS property to change the border of an element to Android 4279260824 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, 86, 152) }
```

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

```
.border{ border-color:rgb(16, 86, 152) }
```

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

Here you see how a box with a 4 pixel rgb(16, 86, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 86, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 86, 152);  
box-shadow:4px 4px 4px 4px rgb(16, 86,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4279260824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 86, 152) }
```

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

```
.background{ background-color: rgb(16, 86,  
152) }
```

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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