

# Converting Colors

Android(4278215072)

Have a look what the booklet for  
Android(4278215072) contains.

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# Color

**Android(4278215072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0061A0
RGB	0, 97, 160
RGB Percent	0%, 38%, 63%
CMY	1.0000, 0.6196, 0.3725
CMYK	1.00, 0.39, 0.00, 0.37
HSL	204°, 100%, 31%
HSV	204°, 100%, 63%
XYZ	10.6199, 11.0875, 34.8381
YIQ	75.1790, -78.0350, -0.9710

# Conversions

## Conversions Part 2

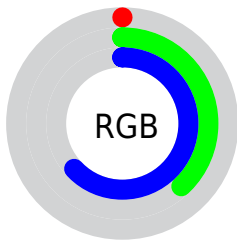
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 60, 160
Decimal	24992
CIE <sub>Lab</sub>	39.73, 0.62, -40.71
CIE <sub>LCh</sub>	40, 40.715, 270.870
Yxy	11.0875, 0.1878, 0.1961
Android (android.graphics.Color)	4278215072 (0xFF0061A0)
YUV	75.1790, 41.8168, -65.9320
Hunter-Lab	33.2978, -1.3412, -38.7241

# Details

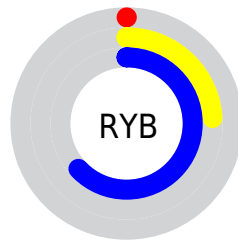
The Android color `4278215072` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288691968`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4283864023`, and `4278203244` is the 20% darker color. If you saturate the color by 10%, you get `4278215072`, and if you desaturate by 10%, it is `4279265184`.

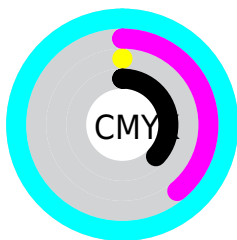
# Distribution



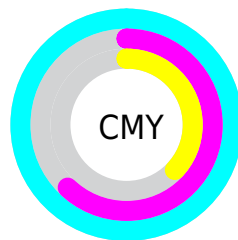
- Red (0%)
- Green (38%)
- Blue (63%)



- Red (0%)
- Yellow (24%)
- Blue (63%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (62%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215072 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 4278215072 by changing the saturation by 10% instead.



 4278215072

 4278215072

4294967295

 4278209158

 4283864023

 4278203244

 4285837044


 4278198099

 4287744511

 4278191676

 4289652223

 4278190629

 4291624959

 4278190350

 4293591039

 4278190080

 4278215072

 4279265184

■ 4280315552

■ 4281365664

■ 4282415776

■ 4283465888

■ 4284516256

■ 4285566368

■ 4286616480

■ 4287666848

# Harmonies

## Analogous

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



4278217111



4278215072



4284437655

# Triad

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



4278215072



4288168765



4279921468

# Complementary

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



4278215072



4288691968

# 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.



4283262496



4278215072



4287123491

# Square

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



4278215072



4288233310



4285422613



4278218334

# Rectangle

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



4278215072



4286335880



4285422613



4281362994



# Sweetspot

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



4278215072



4287805649



4278231101



4282604137



4293454056



4285098345



# Same Dimension

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



4278215072



4278222801



4278195104



4282862671



4278212495



4278192399



# Inverse Universe

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



4288675937



4291887231



4288711936



4283385676



4287561815



4279173129



# Previews

## White Background



This preview shows how the Android color 4278215072 looks on a white background.

## Color Contrast Check

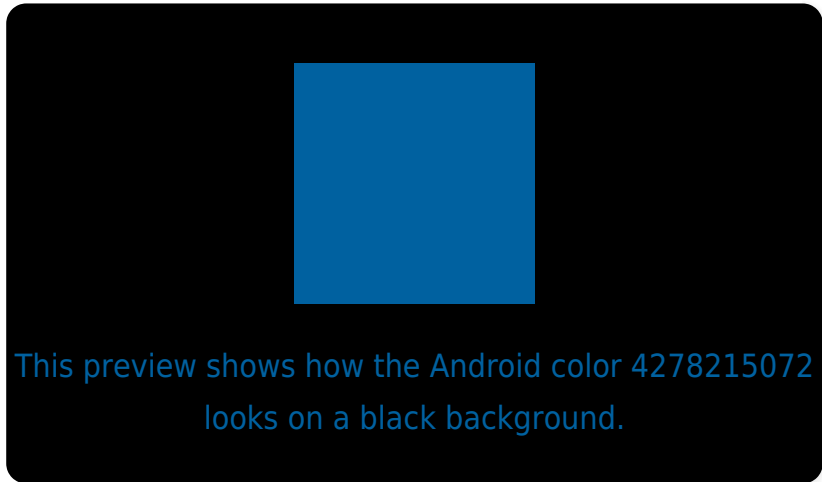
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215072 Background



This preview shows how black text looks on a background with the Android color 4278215072.



This preview shows how white text looks on a background with the Android color 4278215072.

# 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





# Trichromacy



**Original Color**  
4278215072

**Protanomaly**  
4281032093

**Deuteranomaly**  
4279984289

**Tritanomaly**  
4278216065

# Monochromacy



**Original Color**  
4278215072

**Achromatopsia**  
4283124555

**Achromatomaly**  
4281357162

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215072 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(0, 97, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 160)  
}
```

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(0, 97, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 160) }
```

## Border

The CSS property to change the border of an element to Android 4278215072 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(0, 97, 160) }
```

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

```
.border{ border-color:rgb(0, 97, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 160)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 160) }
```

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

```
.background{ background-color: rgb(0, 97,  
160) }
```

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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