

# Converting Colors

Android(4278215335)

Have a look what the booklet for  
Android(4278215335) contains.

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# Color

**Android(4278215335)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0062A7
RGB	0, 98, 167
RGB Percent	0%, 38%, 65%
CMY	1.0000, 0.6157, 0.3451
CMYK	1.00, 0.41, 0.00, 0.35
HSL	205°, 100%, 33%
HSV	205°, 100%, 65%
XYZ	11.3427, 11.5254, 38.1860
YIQ	76.5640, -80.5570, 0.6830

# Conversions

## Conversions Part 2

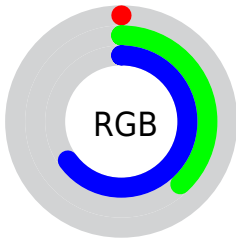
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 167
Decimal	25255
CIELab	40.45, 2.84, -43.71
CIELCh	40, 43.803, 273.719
Yxy	11.5254, 0.1858, 0.1888
Android (android.graphics.Color)	4278215335 (0xFF0062A7)
YUV	76.5640, 44.5849, -67.1466
Hunter-Lab	33.9491, 0.2279, -42.9252

# Details

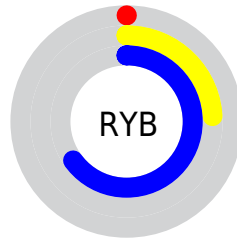
The Android color `4278215335` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289152256`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283995359`, and `4278203506` is the 20% darker color. If you saturate the color by 10%, you get `4278215335`, and if you desaturate by 10%, it is `4279331239`.

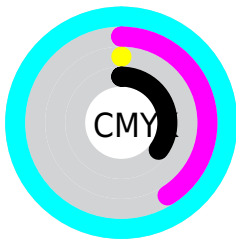
# Distribution



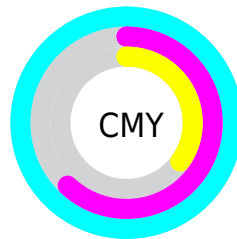
- Red (0%)
- Green (38%)
- Blue (65%)



- Red (0%)
- Yellow (24%)
- Blue (65%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (62%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215335 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 4278215335 by changing the saturation by 10% instead.



 4278215335

 4278215335

4294967295

 4278209420

 4283995359

 4278203506

 4285968379

 4278198361

 4287941375

 4278191682

 4289849087

 4278190891

 4291821567

 4278190357

 4293787647

 4278190080

 4278215335

 4279331239

■ 4280381607

■ 4281497511

■ 4282613415

■ 4283663527

■ 4284779431

■ 4285895335

■ 4287011239

■ 4288061607

# Harmonies

## Analogous

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



4278217631



4278215335



4284896411

# Triad

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



4278215335



4288496698



4278218302

# Complementary

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



4278215335



4289152256

# 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.



4283001119



4278215335



4287320605

# Square

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



4278215335



4288626012



4285423374



4278218851

# Rectangle

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



4278215335



4286794122



4285423374



4280773939



# Sweetspot

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



4278215335



4288200409



4278232899



4282801518



4293783021



4285427310



# Same Dimension

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



4278215335



4278222809



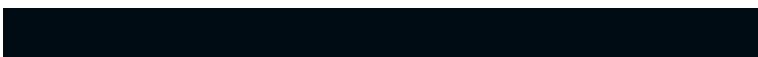
4278194599



4283191636



4278212500



4278193172



# Inverse Universe

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



4289134690



4292411519



4289172992



4283714641



4287889495



4279500812



# Previews

## White Background



This preview shows how the Android color 4278215335 looks on a white background.

## Color Contrast Check

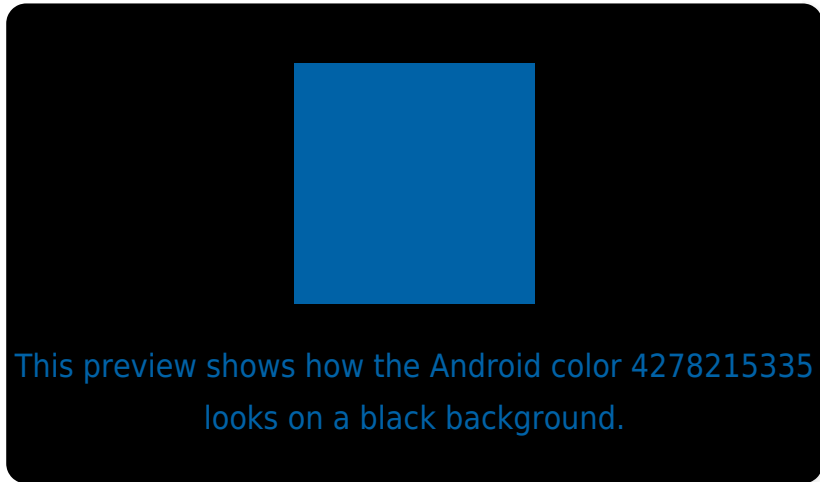
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215335 Background



This preview shows how black text looks on a background with the Android color 4278215335.



This preview shows how white text looks on a background with the Android color 4278215335.

# 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**  
4278215335

**Protanomaly**  
4280901540

**Deuteranomaly**  
4279591335

**Tritanomaly**  
4278216581

# Monochromacy



**Original Color**  
4278215335

**Achromatopsia**  
4283256141

**Achromatomaly**  
4281423214

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215335 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, 98, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 167)  
}
```

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, 98, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 167) }
```

## Border

The CSS property to change the border of an element to Android 4278215335 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, 98, 167) }
```

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

```
.border{ border-color:rgb(0, 98, 167) }
```

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

Here you see how a box with a 4 pixel rgb(0, 98, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 98, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 98, 167)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 167) }
```

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

```
.background{ background-color: rgb(0, 98,  
167) }
```

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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