

# Converting Colors

Android(4278217395)

Have a look what the booklet for  
Android(4278217395) contains.

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# Color

**Android(4278217395)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006AB3
RGB	0, 106, 179
RGB Percent	0%, 42%, 70%
CMY	1.0000, 0.5843, 0.2980
CMYK	1.00, 0.41, 0.00, 0.30
HSL	204°, 100%, 35%
HSV	204°, 100%, 70%
XYZ	13.2907, 13.5627, 44.5652
YIQ	82.6280, -86.6090, 0.2310

# Conversions

## Conversions Part 2

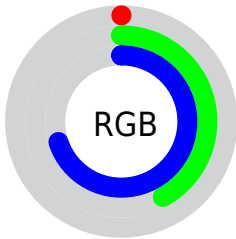
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 179
Decimal	27315
CIELab	43.60, 2.63, -45.74
CIELCh	44, 45.812, 273.289
Yxy	13.5627, 0.1861, 0.1899
Android (android.graphics.Color)	4278217395 (0xFF006AB3)
YUV	82.6280, 47.5114, -72.4648
Hunter-Lab	36.8276, -0.0295, -45.9676

# Details

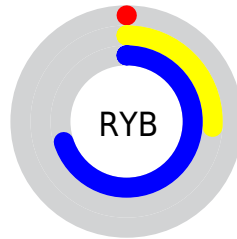
The Android color `4278217395` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289939712`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284259819`, and `4278205566` is the 20% darker color. If you saturate the color by 10%, you get `4278217395`, and if you desaturate by 10%, it is `4279398835`.

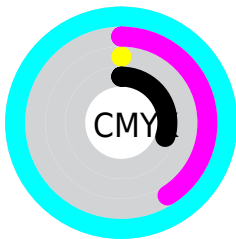
# Distribution



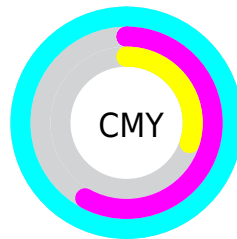
- Red (0%)
- Green (42%)
- Blue (70%)



- Red (0%)
- Yellow (26%)
- Blue (70%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (58%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278217395 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 4278217395 by changing the saturation by 10% instead.



 4278217395

 4278217395

4294967295

 4278211224

 4284259819

 4278205566

 4286232831

 4278200164

 4288205823

 4278194764

 4290179071

 4278191156

 4292149247

 4278190622

 4294115327

 4278190081

 4278190080

 4278217395

■ 4279398835

■ 4280580531

■ 4281761971

■ 4282943411

■ 4284124851

■ 4285241011

■ 4286422451

■ 4287603891

■ 4288785587

# Harmonies

## Analogous

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



4278219947



4278217395



4285356967

# Triad

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



4278217395



4289219135



4278679363

# Complementary

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



4278217395



4289939712

# 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.



4283461922



4278217395



4287977505

# Square

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



4278217395



4289413988



4286015250



4278221162

# Rectangle

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



4278217395



4287451285



4286015250



4281103671



# Sweetspot

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



4278217395



4288859368



4278235976



4283130997



4294309365



4285887861



# Same Dimension

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



4278217395



4278225384



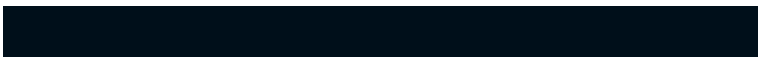
4278194867



4283455065



4278213529



4278193946



# Inverse Universe

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



4289921130



4293394569



4289962240



4284043350



4288217179



4279894031



# Previews

## White Background



This preview shows how the Android color 4278217395 looks on a white background.

### Color Contrast Check

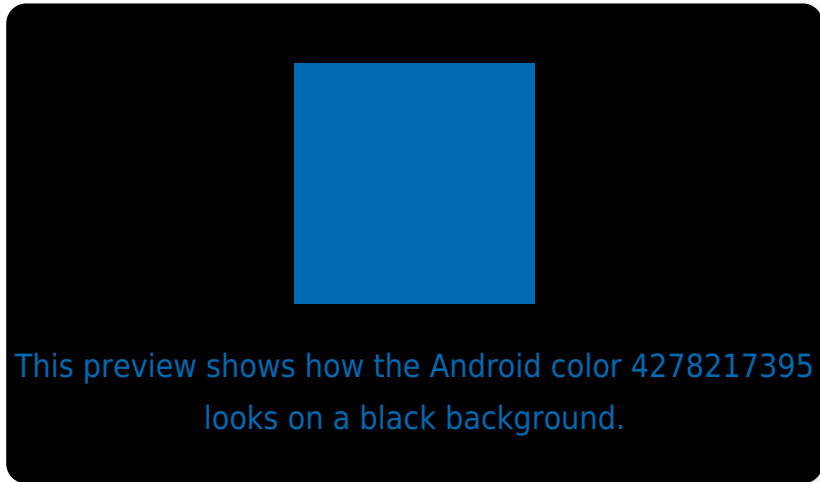
Large Text (above 18pt) WCAG AA ✓ Pass

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

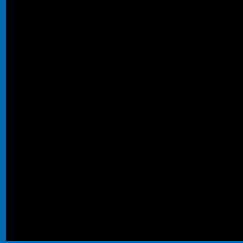
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278217395 Background



This preview shows how black text looks on a background with the Android color 4278217395.



This preview shows how white text looks on a background with the Android color 4278217395.

# 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**  
4278217395

**Protanopia**  
4282934446

**Deuteranopia**  
4280838323



# Trichromacy



**Original Color**  
4278217395

**Protanomaly**  
4281231024

**Deuteranomaly**  
4279855539

**Tritanomaly**  
4278218639

# Monochromacy



**Original Color**  
4278217395

**Achromatopsia**  
4283650899

**Achromatomaly**  
4281686902

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278217395 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, 106, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 179)  
}
```

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, 106, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 179) }
```

## Border

The CSS property to change the border of an element to Android 4278217395 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, 106, 179) }
```

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

```
.border{ border-color:rgb(0, 106, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4278217395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 179) }
```

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

```
.background{ background-color: rgb(0, 106,  
179) }
```

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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