

# Converting Colors

Android(4278209396)

Have a look what the booklet for  
Android(4278209396) contains.

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# Color

**Android(4278209396)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	004B74
RGB	0, 75, 116
RGB Percent	0%, 29%, 45%
CMY	1.0000, 0.7059, 0.5451
CMYK	1.00, 0.35, 0.00, 0.55
HSL	201°, 100%, 23%
HSV	201°, 100%, 45%
XYZ	5.6685, 6.2931, 17.4389
YIQ	57.2490, -57.8610, -3.1490

# Conversions

## Conversions Part 2

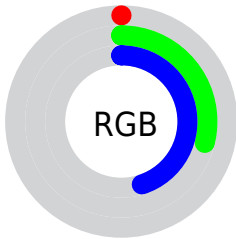
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 46, 116
Decimal	19316
CIELab	30.14, -3.53, -29.06
CIElCh	30, 29.275, 263.073
Yxy	6.2931, 0.1928, 0.2140
Android (android.graphics.Color)	4278209396 (0xFF004B74)
YUV	57.2490, 28.9642, -50.2074
Hunter-Lab	25.0861, -3.5667, -23.6560

# Details

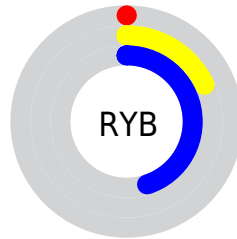
The Android color **4278209396** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4285802752**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4283006120**, and **4278198339** is the 20% darker color. If you saturate the color by 10%, you get **4278209396**, and if you desaturate by 10%, it is **4278996852**.

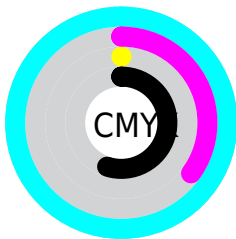
# Distribution



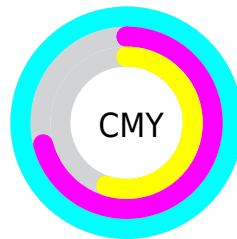
- Red (0%)
- Green (29%)
- Blue (45%)



- Red (0%)
- Yellow (18%)
- Blue (45%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278209396 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 4278209396 by changing the saturation by 10% instead.



 4278209396

 4278209396

4294967295

 4278203739

 4283006120

 4278198339

 4284847556

 4278191149

 4286623968

 4278190360

 4288465916

 4278190080

 4290308095

 4292214783

 4294115327

 4278209396

■ 4278996852

■ 4279718772

■ 4280506228

■ 4281228148

■ 4282015860

■ 4282803316

■ 4283525236

■ 4284312692

■ 4285034612

# Harmonies

## Analogous

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



4278210667



4278209396



4282401649

# Triad

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



4278209396



4285609270



4280766507

# Complementary

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



4278209396



4285802752

# 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.



4282600219



4278209396



4285086499

# Square

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



4278209396



4285412429



4284040216



4278211137

# Rectangle

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



4278209396



4283776360



4284040216



4281421348



# Sweetspot

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



4278209396



4285105814



4278219817



4281418573



4291611852



4283256141



# Same Dimension

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



4278209396



4278215062



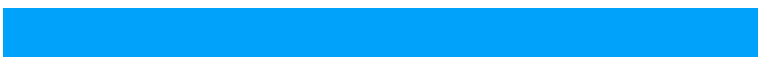
4278194548



4281678139



4278210426



4278231802



# Inverse Universe

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



4285792331



4288020577



4285817600



4282070329



4286185551



4294574242



# Previews

## White Background



This preview shows how the Android color 4278209396 looks on a white background.

## Color Contrast Check

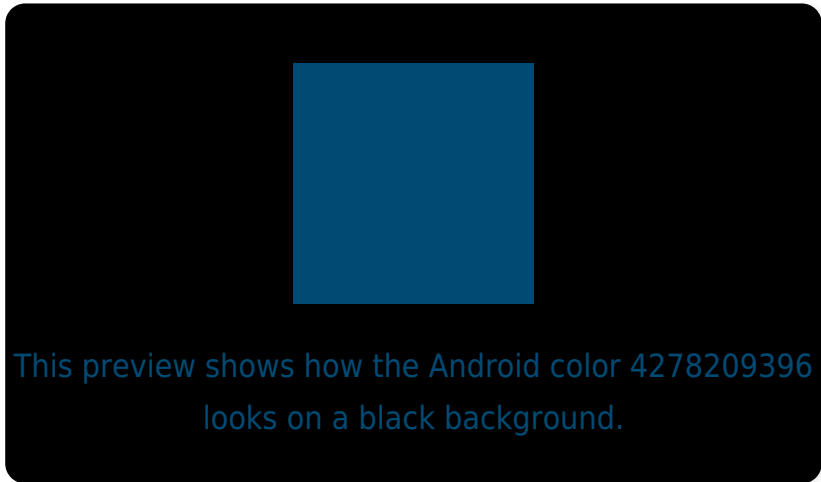
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209396 Background



This preview shows how black text looks on a background with the Android color 4278209396.



This preview shows how white text looks on a background with the Android color 4278209396.

# 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**

4278209396

**Protanopia**

4281878127

**Deuteranopia**

4281026677



# Trichromacy



**Original Color**

4278209396

**Protanomaly**

4280567921

**Deuteranomaly**

4279978357

**Tritanomaly**

4278210144

# Monochromacy



**Original Color**

4278209396

**Achromatopsia**

4281940281

**Achromatomaly**

4280565838

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278209396 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, 75, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 116)  
}
```

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, 75, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 116) }
```

## Border

The CSS property to change the border of an element to Android 4278209396 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, 75, 116) }
```

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

```
.border{ border-color:rgb(0, 75, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 116)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278209396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 116) }
```

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

```
.background{ background-color: rgb(0, 75,  
116) }
```

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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