

# Converting Colors

Android(4278215086)

Have a look what the booklet for  
Android(4278215086) contains.

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# Color

**Android(4278215086)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0061AE
RGB	0, 97, 174
RGB Percent	0%, 38%, 68%
CMY	1.0000, 0.6196, 0.3176
CMYK	1.00, 0.44, 0.00, 0.32
HSL	207°, 100%, 34%
HSV	207°, 100%, 68%
XYZ	11.9147, 11.6054, 41.6565
YIQ	76.7750, -82.5290, 3.3830

# Conversions

## Conversions Part 2

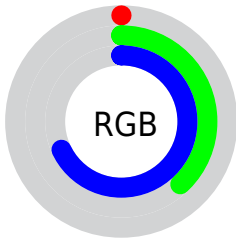
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 62, 174
Decimal	25006
CIELab	40.58, 6.35, -47.64
CIELCh	41, 48.056, 277.592
Yxy	11.6054, 0.1828, 0.1781
Android (android.graphics.Color)	4278215086 (0xFF0061AE)
YUV	76.7750, 47.9319, -67.3317
Hunter-Lab	34.0667, 2.8130, -48.6527

# Details

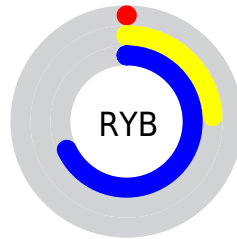
The Android color `4278215086` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289613056`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4284126182`, and `4278203513` is the 20% darker color. If you saturate the color by 10%, you get `4278215086`, and if you desaturate by 10%, it is `4279331246`.

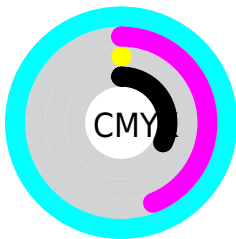
# Distribution



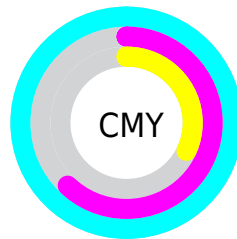
- Red (0%)
- Green (38%)
- Blue (68%)



- Red (0%)
- Yellow (24%)
- Blue (68%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (62%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278215086 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 4278215086 by changing the saturation by 10% instead.



 4278215086

 4278215086

4294967295

 4278209171

 4284126182

 4278203513

 4286164479

 4278198368

 4288072191

 4278191431

 4290045439

 4278191152

 4292018175

 4278190362

 4293984255

 4278190080

 4278215086

 4279331246

■ 4280512686

■ 4281628846

■ 4282810542

■ 4283926446

■ 4285042606

■ 4286224302

■ 4287340462

■ 4288521902

# Harmonies

## Analogous

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



4278217896



4278215086



4285419934

# Triad

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



4278215086



4288692786



4278218816

# Complementary

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



4278215086



4289613056

# 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.



4282411803



4278215086



4287255313

# Square

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



4278215086



4289083479



4285161728



4278219369

# Rectangle

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



4278215086



4287382922



4285161728



4279004979



# Sweetspot

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



4278215086



4288660963



4278234699



4282998899



4294111986



4285756275



# Same Dimension

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



4278215086



4278222819



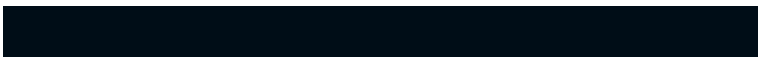
4278193326



4283323223



4278211734



4278193431



# Inverse Universe

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



4289593441



4293066879



4289634816



4283911763



4288020564



4279697421



# Previews

## White Background



This preview shows how the Android color 4278215086 looks on a white background.

## Color Contrast Check

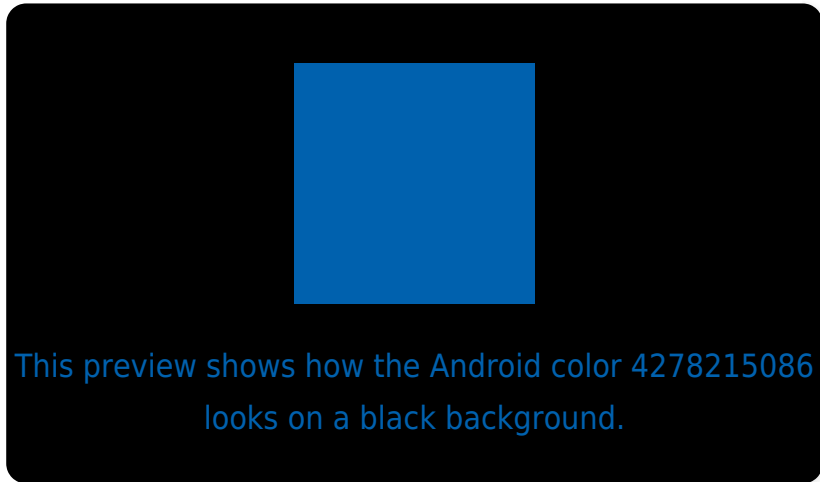
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278215086 Background



This preview shows how black text looks on a background with the Android color 4278215086.



This preview shows how white text looks on a background with the Android color 4278215086.

# 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**  
4278215086

**Protanomaly**  
4280704683

**Deuteranomaly**  
4278215085

**Tritanomaly**  
4278216583

# Monochromacy



**Original Color**  
4278215086

**Achromatopsia**  
4283256141

**Achromatomaly**  
4281422960

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278215086 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 174) }
```

## Border

The CSS property to change the border of an element to Android 4278215086 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, 174) }
```

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

```
.border{ border-color:rgb(0, 97, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 174)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278215086 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, 174) }
```

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

```
.background{ background-color: rgb(0, 97,  
174) }
```

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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