

# Converting Colors

Android(4278269861)

Have a look what the booklet for  
Android(4278269861) contains.

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# Color

**Android(4278269861)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0137A5
RGB	1, 55, 165
RGB Percent	0%, 22%, 65%
CMY	0.9961, 0.7843, 0.3529
CMYK	0.99, 0.67, 0.00, 0.35
HSL	220°, 99%, 33%
HSV	220°, 99%, 65%
XYZ	8.1702, 5.4554, 36.2197
YIQ	51.3940, -67.4940, 22.7620

# Conversions

## Conversions Part 2

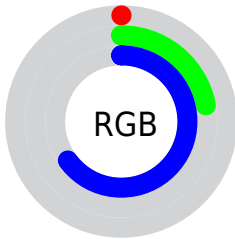
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 42, 165
Decimal	79781
CIE <sub>Lab</sub>	27.99, 31.03, -62.72
CIE <sub>LCh</sub>	28, 69.981, 296.324
Yxy	5.4554, 0.1639, 0.1094
Android (android.graphics.Color)	4278269861 (0xFF0137A5)
YUV	51.3940, 56.0078, -44.1955
Hunter-Lab	23.3569, 21.5647, -75.5916

# Details

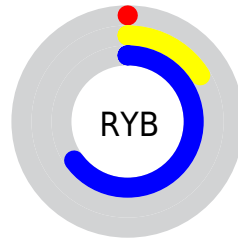
The Android color `4278269861` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289031937`, and the grayscale version is `4281545523`.

A 20% lighter version of the original color is `4284114397`, and `4278194288` is the 20% darker color. If you saturate the color by 10%, you get `4278204069`, and if you desaturate by 10%, it is `4279321253`.

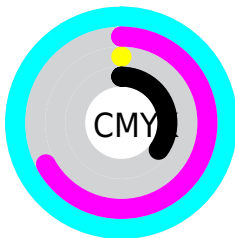
# Distribution



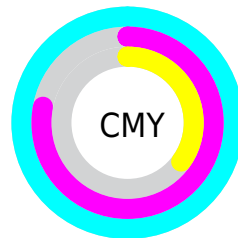
- Red (0%)
- Green (22%)
- Blue (65%)



- Red (0%)
- Yellow (16%)
- Blue (65%)



- Cyan (99%)
- Magenta (67%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (78%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278269861 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 4278269861 by changing the saturation by 10% instead.



■ 4278269861

■ 4278269861

4294967295

■ 4278198922

■ 4284114397

■ 4278194288

■ 4286152442

■ 4278190167

■ 4288059647

■ 4278191678

■ 4290032639

■ 4278190887

■ 4292005631

■ 4278190353

■ 4293979135

■ 4278190080

■ 4278269861

■ 4278269861

■ 4278204069

■ 4279321253

■ 4280438181

■ 4281489573

■ 4282606501

■ 4283657893

■ 4284774821

■ 4285826213

■ 4286943397

■ 4287994789

# Harmonies

## Analogous

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



4278209712



4278269861



4286054527

# Triad

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



4278269861



4286455808



4278211898

# Complementary

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



4278269861



4289031937

# 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.



4278211328



4278269861



4283907584

# Square

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



4278269861



4288020503



4280306688



4278212209

# Rectangle

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



4278269861



4287692893



4280306688



4278211878



# Sweetspot

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



4278269861



4288064470



4278297966



4282732907



4293651435



4285229931



# Same Dimension

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



4278269861



4278208470



4280025509



4282993746



4278202513



4278191634



# Inverse Universe

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



4289003831



4292214855



4287276289



4283582796



4287692848



4279369734



# Previews

## White Background



This preview shows how the Android color 4278269861 looks on a white background.

## Color Contrast Check

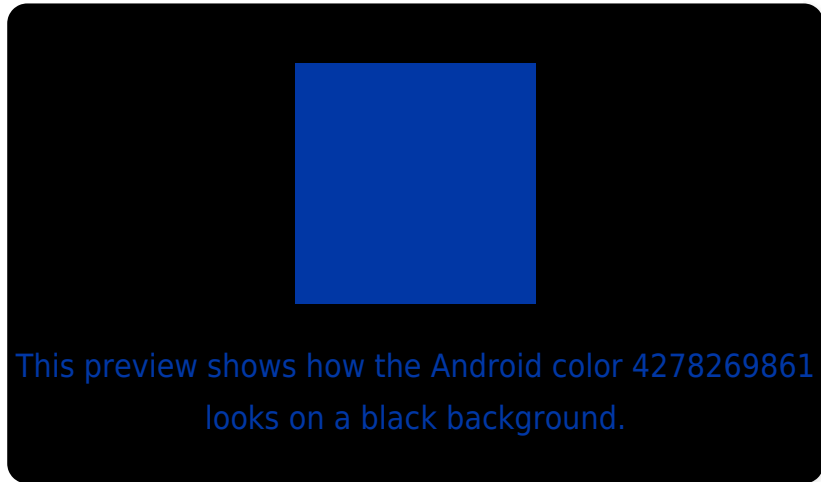
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278269861 Background



This preview shows how black text looks on a background with the Android color 4278269861.



This preview shows how white text looks on a background with the Android color 4278269861.

# 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**

4278269861

**Protanopia**

4278206599

**Deuteranopia**

4278207603



# Trichromacy



**Original Color**  
4278269861

**Protanomaly**  
4278205842

**Deuteranomaly**  
4278206341

**Tritanomaly**  
4278207342

# Monochromacy



**Original Color**  
4278269861

**Achromatopsia**  
4281545523

**Achromatomaly**  
4280366172

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278269861 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(1, 55, 165)` looks like.

```
.text, #text, p{  
    color:rgb(1, 55, 165)  
}
```

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(1, 55, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 55, 165) }
```

## Border

The CSS property to change the border of an element to Android 4278269861 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(1, 55, 165) }
```

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

```
.border{ border-color:rgb(1, 55, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 55, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 55, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 55, 165);  
box-shadow:4px 4px 4px 4px rgb(1, 55, 165)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278269861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 55, 165) }
```

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

```
.background{ background-color: rgb(1, 55,  
165) }
```

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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