

# Converting Colors

Android(4279708905)

Have a look what the booklet for  
Android(4279708905) contains.

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# Color

**Android(4279708905)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	172CE9
RGB	23, 44, 233
RGB Percent	9%, 17%, 91%
CMY	0.9098, 0.8275, 0.0863
CMYK	0.90, 0.81, 0.00, 0.09
HSL	234°, 83%, 50%
HSV	234°, 90%, 91%
XYZ	15.9620, 7.8667, 77.7679
YIQ	59.2670, -73.1850, 54.3270

# Conversions

## Conversions Part 2

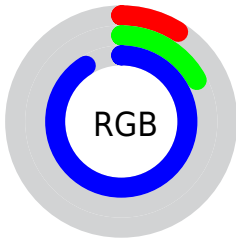
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	23, 42, 233
Decimal	1518825
CIE Lab	33.70, 61.62, -93.08
CIE LCh	34, 111.628, 303.504
Yxy	7.8667, 0.1571, 0.0774
Android (android.graphics.Color)	4279708905 (0xFF172CE9)
YUV	59.2670, 85.6504, -31.8062
Hunter-Lab	28.0477, 52.5015, -144.7604




# Details

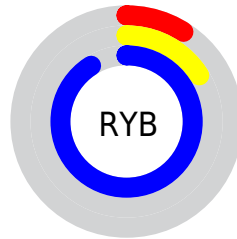
The Android color `4279708905` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293514263`, and the grayscale version is `4282006074`.




A 20% lighter version of the original color is `4285882111`, and `4278190256` is the 20% darker color. If you saturate the color by 10%, you get `4278196201`, and if you desaturate by 10%, it is `4281221609`.

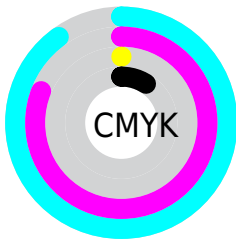
# Distribution







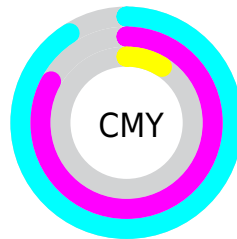
-  Red (9%)
-  Green (17%)
-  Blue (91%)






-  Red (9%)
-  Yellow (16%)
-  Blue (91%)



-  Cyan (90%)
-  Magenta (81%)
-  Yellow (0%)
-  Black (9%)



-  Cyan (91%)
-  Magenta (83%)
-  Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279708905 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 4279708905 by changing the saturation by 10% instead.



 4279708905

 4279708905

4294967295

 4278194892

 4285882111

 4278190256

 4288116991

 4278190228

 4290286591

 4278190201

 4292390655

 4278193759

 4294494975

 4278192198

 4294960895

 4278191151

 4278190361

 4278190080

■ 4279708905

■ 4279708905

■ 4278196201

■ 4281221609

■ 4282799849

■ 4284312553

■ 4285825257

■ 4287337961

■ 4288916201

■ 4290428905

■ 4291941609

■ 4293519849

# Harmonies

## Analogous

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



4278214399



4279708905



4290183329

# Triad

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



4279708905



4288420864



4278217304

# Complementary

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



4279708905



4293514263

# 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.



4278216448



4279708905



4284043520

# Square

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



4279708905



4291493888



4278215168



4278218162

# Rectangle

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



4279708905



4292083815



4278215168



4278217017



# Sweetspot

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



4279708905



4290429439



4279757268



4283915136



4278190080



4286611584



# Same Dimension

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



4279708905



4278196735



4285208553



4285164405



4278194869



4278191414



# Inverse Universe

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



4293465900



4294901786



4288014615



4285885035



4290052114

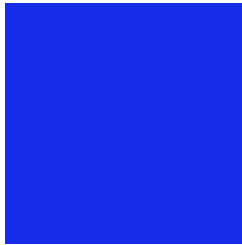


4281729029



# Previews

## White Background



This preview shows how the Android color 4279708905 looks on a white background.

## Color Contrast Check

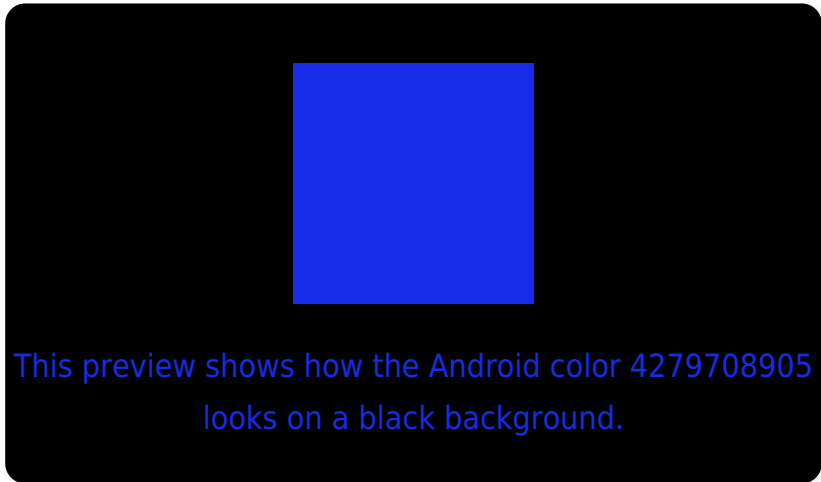
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279708905 Background



This preview shows how black text looks on a background with the Android color 4279708905.



This preview shows how white text looks on a background with the Android color 4279708905.

# 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**

4279708905

**Protanopia**

4278209695

**Deuteranopia**

4278210951



# Trichromacy



**Original Color**  
4279708905

**Protanomaly**  
4278730938

**Deuteranomaly**  
4278731947

**Tritanomaly**  
4278732687

# Monochromacy



**Original Color**  
4279708905

**Achromatopsia**  
4282071867

**Achromatomaly**  
4281218682

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279708905 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(23, 44, 233)` looks like.

```
.text, #text, p{  
    color:rgb(23, 44, 233)  
}
```

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(23, 44, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 44, 233) }
```

## Border

The CSS property to change the border of an element to Android 4279708905 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(23, 44, 233) }
```

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

```
.border{ border-color:rgb(23, 44, 233) }
```

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

Here you see how a box with a 4 pixel rgb(23, 44, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 44, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 44, 233);  
box-shadow:4px 4px 4px 4px rgb(23, 44,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4279708905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 44, 233) }
```

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

```
.background{ background-color: rgb(23, 44,  
233) }
```

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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