

# Converting Colors

Android(4279446685)

Have a look what the booklet for  
Android(4279446685) contains.

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# Color

**Android(4279446685)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	132C9D
RGB	19, 44, 157
RGB Percent	7%, 17%, 62%
CMY	0.9255, 0.8275, 0.3843
CMYK	0.88, 0.72, 0.00, 0.38
HSL	229°, 78%, 35%
HSV	229°, 88%, 62%
XYZ	7.2550, 4.3741, 32.3602
YIQ	49.4070, -51.1730, 29.8430

# Conversions

## Conversions Part 2

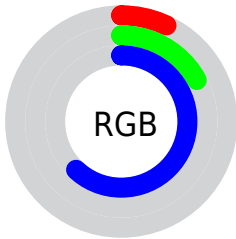
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 40, 157
Decimal	1256605
CIE <sub>Lab</sub>	24.87, 35.93, -63.00
CIE <sub>LCh</sub>	25, 72.525, 299.695
Yxy	4.3741, 0.1649, 0.0994
Android (android.graphics.Color)	4279446685 (0xFF132C9D)
YUV	49.4070, 53.0433, -26.6669
Hunter-Lab	20.9144, 25.3199, -77.0973

# Details

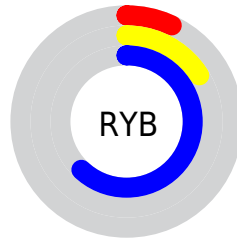
The Android color `4279446685` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288513043`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4284308181`, and `4278190952` is the 20% darker color. If you saturate the color by 10%, you get `4278394781`, and if you desaturate by 10%, it is `4280498589`.

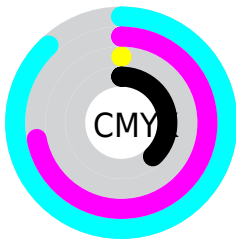
# Distribution



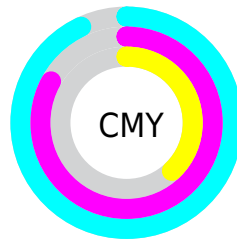
- Red (7%)
- Green (17%)
- Blue (62%)



- Red (7%)
- Yellow (16%)
- Blue (62%)



- Cyan (88%)
- Magenta (72%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (83%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279446685 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 4279446685 by changing the saturation by 10% instead.





4279446685



4279446685

4294967295



4278196098



4284308181



4278190952



4286280690



4278190159



4288253183



4278191415



4290160639



4278190625



4292133631



4278190086



4294106879



4278190080



4294966271



4279446685



4279446685

■ 4278394781

■ 4280498589

■ 4278197405

■ 4281484957

■ 4282536861

■ 4283588509

■ 4284640413

■ 4285626781

■ 4286678685

■ 4287730589

■ 4288716957

# Harmonies

## Analogous

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



4278207660



4279446685



4285988980

# Triad

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



4279446685



4285733632



4278210105

# Complementary

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



4279446685



4288513043

# 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.



4278209536



4279446685



4283054336

# Square

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



4279446685



4287430663



4278339072



4278210417

# Rectangle

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



4279446685



4287430736



4278339072



4278209829



# Sweetspot

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



4279446685



4288127436



4279475588



4282797158



4293322470



4284900966



# Same Dimension

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



4279446685



4278199756



4282323869



4282861903



4278196879



4278190863



# Inverse Universe

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



4288484140



4291559461



4285635859



4283385673



4287561754

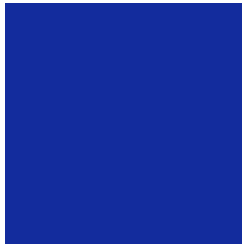


4279173123



# Previews

## White Background



This preview shows how the Android color 4279446685 looks on a white background.

## Color Contrast Check

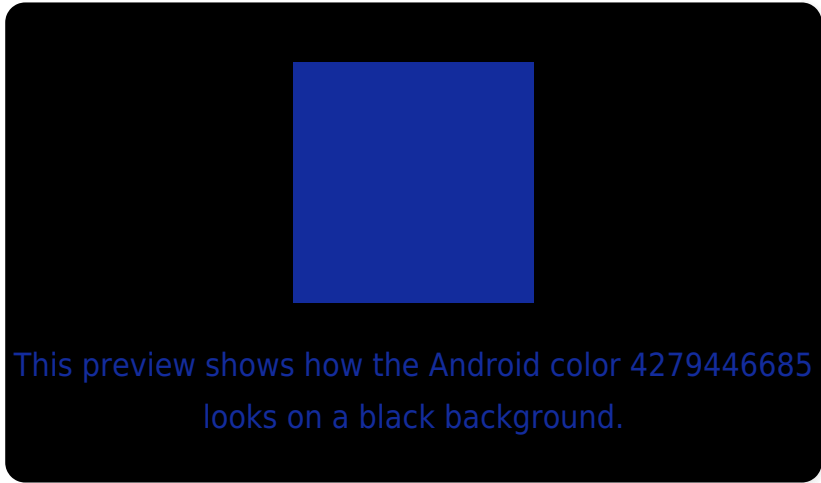
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279446685 Background



This preview shows how black text looks on a background with the Android color 4279446685.



This preview shows how white text looks on a background with the Android color 4279446685.

# 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**

4279446685

**Protanopia**

4278204792

**Deuteranopia**

4278205799



# Trichromacy



**Original Color**

4279446685

**Protanomaly**

4278662277

**Deuteranomaly**

4278663035

**Tritanomaly**

4278663781

# Monochromacy



**Original Color**

4279446685

**Achromatopsia**

4281413937

**Achromatomaly**

4280692568

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279446685 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(19, 44, 157)` looks like.

```
.text, #text, p{  
    color:rgb(19, 44, 157)  
}
```

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(19, 44, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 44, 157) }
```

## Border

The CSS property to change the border of an element to Android 4279446685 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(19, 44, 157) }
```

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

```
.border{ border-color:rgb(19, 44, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 44, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 44, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 44, 157);  
box-shadow:4px 4px 4px 4px rgb(19, 44,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4279446685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 44, 157) }
```

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

```
.background{ background-color: rgb(19, 44,  
157) }
```

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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