

# Converting Colors

Android(4279705936)

Have a look what the booklet for  
Android(4279705936) contains.

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# Color

**Android(4279705936)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	172150
RGB	23, 33, 80
RGB Percent	9%, 13%, 31%
CMY	0.9098, 0.8706, 0.6863
CMYK	0.71, 0.59, 0.00, 0.69
HSL	229°, 55%, 20%
HSV	229°, 71%, 31%
XYZ	2.3452, 1.8491, 7.8227
YIQ	35.3680, -21.0470, 12.4970

# Conversions

## Conversions Part 2

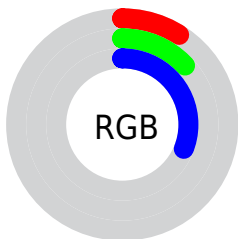
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 32, 80
Decimal	1515856
CIE Lab	14.67, 13.35, -30.26
CIE LCh	15, 33.069, 293.801
Yxy	1.8491, 0.1952, 0.1539
Android (android.graphics.Color)	4279705936 (0xFF172150)
YUV	35.3680, 22.0036, -10.8467
Hunter-Lab	13.5980, 6.9884, -24.5900

# Details

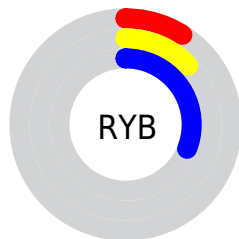
The Android color **4279705936** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4283450903**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4283059586**, and **4278190627** is the 20% darker color. If you saturate the color by 10%, you get **4279179856**, and if you desaturate by 10%, it is **4280232016**.

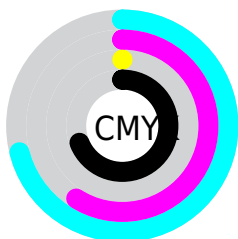
# Distribution



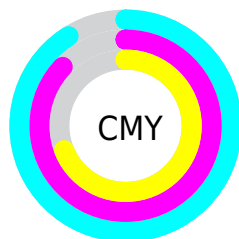
- Red (9%)
- Green (13%)
- Blue (31%)



- Red (9%)
- Yellow (13%)
- Blue (31%)



- Cyan (71%)
- Magenta (59%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (87%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279705936 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 4279705936 by changing the saturation by 10% instead.



■ 4279705936

■ 4279705936

4294967295

■ 4278192953

■ 4283059586

■ 4278190627

■ 4284704156

■ 4278190089

■ 4286414519

■ 4278190080

■ 4288190419

■ 4289966831

■ 4291809023

■ 4293716735

■ 4279705936

■ 4279705936

■ 4279179856

■ 4280232016

■ 4278654032

■ 4280757840

■ 4278193744

■ 4281283920

■ 4281809744

■ 4282335824

■ 4282861904

■ 4283387728

■ 4283913808

■ 4284439632

# Harmonies

## Analogous

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



4278200660



4279705936



4282127681

# Triad

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



4279705936



4282652672



4278202143

# Complementary

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



4279705936



4283450903

# 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.



4278201603



4279705936



4281541120

# Square

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



4279705936



4283173652



4280166656



4278202167

# Rectangle

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



4279705936



4282911795



4280166656



4278201879



# Sweetspot

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



4279705936



4283651689



4279717958



4280822582



4290098613



4281742902



# Same Dimension

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



4279705936



4279180905



4280883024



4280624425



4278194793



4278200808



# Inverse Universe

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



4283438881



4285075230



4282273815



4280886565



4285071378



4293394473



# Previews

## White Background



This preview shows how the Android color 4279705936 looks on a white background.

## Color Contrast Check

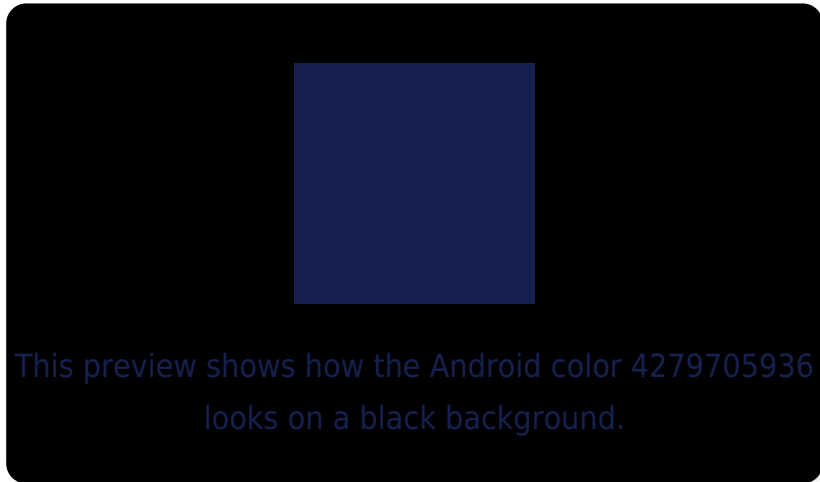
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279705936 Background



This preview shows how black text looks on a background with the Android color 4279705936.



This preview shows how white text looks on a background with the Android color 4279705936.

# 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**  
4279705936

**Protanopia**  
4278199372

**Deuteranopia**  
4278199874



# Trichromacy



**Original Color**  
4279705936

**Protanomaly**  
4278723405

**Deuteranomaly**  
4278723655

**Tritanomaly**  
4278724409

# Monochromacy



**Original Color**  
4279705936

**Achromatopsia**  
4280492835

**Achromatomaly**  
4280230451

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279705936 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, 33, 80)` looks like.

```
.text, #text, p{  
    color:rgb(23, 33, 80)  
}
```

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, 33, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 33, 80) }
```

## Border

The CSS property to change the border of an element to Android 4279705936 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, 33, 80) }
```

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

```
.border{ border-color:rgb(23, 33, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 33, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 33, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 33, 80);  
box-shadow:4px 4px 4px 4px rgb(23, 33, 80)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279705936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 33, 80) }
```

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

```
.background{ background-color: rgb(23, 33,  
80) }
```

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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