

# Converting Colors

Android(4279648036)

Have a look what the booklet for  
Android(4279648036) contains.

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# Color

**Android(4279648036)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	163F24
RGB	22, 63, 36
RGB Percent	9%, 25%, 14%
CMY	0.9137, 0.7529, 0.8588
CMYK	0.65, 0.00, 0.43, 0.75
HSL	140°, 48%, 17%
HSV	140°, 65%, 25%
XYZ	2.4268, 3.8530, 2.2849
YIQ	47.6630, -15.7690, -17.0890

# Conversions

## Conversions Part 2

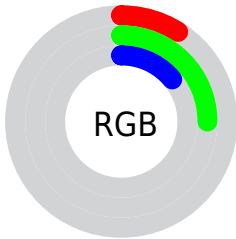
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 53, 63
Decimal	1457956
CIE <sub>Lab</sub>	23.18, -21.64, 12.39
CIE <sub>LCh</sub>	23, 24.937, 150.220
Yxy	3.8530, 0.2834, 0.4499
Android (android.graphics.Color)	4279648036 (0xFF163F24)
YUV	47.6630, -5.7499, -22.5065
Hunter-Lab	19.6290, -12.2819, 6.8388

# Details

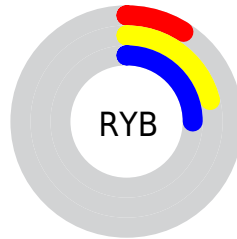
The Android color **4279648036** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282324529**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4282806097**, and **4278194944** is the 20% darker color. If you saturate the color by 10%, you get **4279254816**, and if you desaturate by 10%, it is **4280041256**.

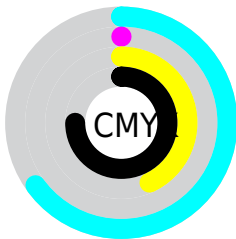
# Distribution



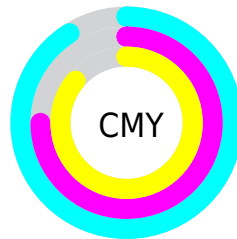
- Red (9%)
- Green (25%)
- Blue (14%)



- Red (9%)
- Yellow (21%)
- Blue (25%)



- Cyan (65%)
- Magenta (0%)
- Yellow (43%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279648036 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 4279648036 by changing the saturation by 10% instead.



 4279648036

 4279648036

4294967295

 4278200591

 4282806097

 4278194944


 4284385641

 4278190080

 4286030722

 4287807132

 4289583799

 4291360723

 4293263343

 4279648036

 4279648036

■ 4279254816

■ 4280041256

■ 4278796060

■ 4280500012

■ 4278402840

■ 4280893232

■ 4278206230

■ 4281286453

■ 4281745209

■ 4282138429

■ 4282531649

■ 4282924869

■ 4283383625

# Harmonies

## Analogous

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



4281285654



4279648036



4278206519

# Triad

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



4279648036



4279384412



4284033318

# Complementary

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



4279648036



4282324529

# 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.



4284032824



4279648036



4281872983

# Square

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



4279648036



4278206039



4283312970



4283445015

# Rectangle

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



4279648036



4278206788



4283312970



4284098603



# Sweetspot

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



4279648036



4282470983



4281417494



4280232226



4289243304



4280887593



# Same Dimension

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



4279648036



4279390760



4279648056



4280033053



4278214176



4278246988



# Inverse Universe

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



4282324529



4283568700



4282324509



4280228894



4284350526

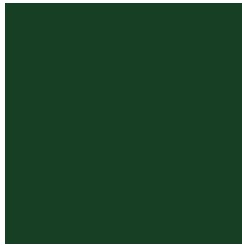


4292739218



# Previews

## White Background



This preview shows how the Android color 4279648036 looks on a white background.

## Color Contrast Check

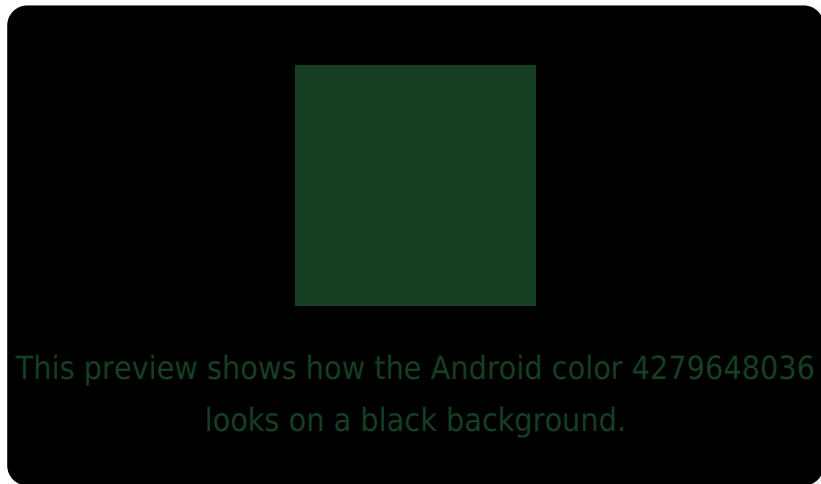
Large Text (above 18pt) WCAG AA ✓ Pass

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

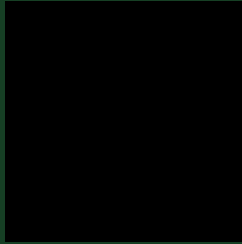
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279648036 Background



This preview shows how black text looks on a background with the Android color 4279648036.



This preview shows how white text looks on a background with the Android color 4279648036.

# 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**

[4279648036](#)

**Protanopia**

[4282136353](#)

**Deuteranopia**

[4282529062](#)



**Tritanopia**  
4280237121

# Trichromacy



**Original Color**  
4279648036

**Protanomaly**  
4281219618

**Deuteranomaly**  
4281481509

**Tritanomaly**  
4280040758

# Monochromacy



**Original Color**  
4279648036

**Achromatopsia**  
4281348144

**Achromatomaly**  
4280759596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279648036 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(22, 63, 36) looks like.

```
.text, #text, p{  
    color:rgb(22, 63, 36)  
}
```

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(22, 63, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 63, 36) }
```

## Border

The CSS property to change the border of an element to Android 4279648036 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(22, 63, 36) }
```

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

```
.border{ border-color:rgb(22, 63, 36) }
```

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

Here you see how a box with a 4 pixel rgb(22, 63, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 63, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 63, 36);  
box-shadow:4px 4px 4px 4px rgb(22, 63, 36)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279648036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 63, 36) }
```

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

```
.background{ background-color: rgb(22, 63,  
36) }
```

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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