

# Converting Colors

Android(4279648107)

Have a look what the booklet for  
Android(4279648107) contains.

<b>Android(4279648107)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4279648107)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	163F6B
RGB	22, 63, 107
RGB Percent	9%, 25%, 42%
CMY	0.9137, 0.7529, 0.5804
CMYK	0.79, 0.41, 0.00, 0.58
HSL	211°, 66%, 25%
HSV	211°, 79%, 42%
XYZ	4.7622, 4.7871, 14.5829
YIQ	55.7570, -38.5600, 4.9920

# Conversions

## Conversions Part 2

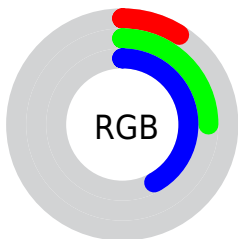
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	22, 50, 107
Decimal	1458027
CIE Lab	26.12, 2.78, -29.71
CIE LCh	26, 29.837, 275.345
Yxy	4.7871, 0.1973, 0.1984
Android (android.graphics.Color)	4279648107 (0xFF163F6B)
<b>YUV</b>	55.7570, 25.2628, -29.6049
Hunter-Lab	21.8795, 0.5627, -24.2018

# Details

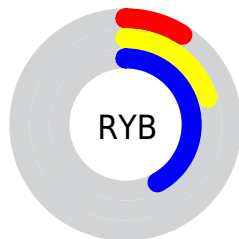
The Android color **4279648107** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285219350**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283395743**, and **4278195515** is the 20% darker color. If you saturate the color by 10%, you get **4278925675**, and if you desaturate by 10%, it is **4280370539**.

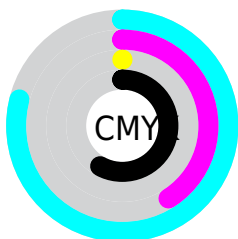
# Distribution



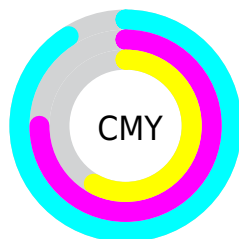
- Red (9%)
- Green (25%)
- Blue (42%)



- Red (9%)
- Yellow (20%)
- Blue (42%)



- Cyan (79%)
- Magenta (41%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (75%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279648107 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 4279648107 by changing the saturation by 10% instead.





4279648107



4279648107

4294967295



4278200659



4283395743



4278195515



4285171642



4278190629



4286882518



4278190350



4288724466



4278190080



4290566399



4292408831



4294311935



4279648107



4279648107

■ 4278925675

■ 4280370539

■ 4278269035

■ 4281027179

■ 4278203499

■ 4281749611

■ 4282471787

■ 4283194219

■ 4283850859

■ 4284573291

■ 4285295467

■ 4285952363

# Harmonies

## Analogous

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



4278207847



4279648107



4282660451

# Triad

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



4279648107



4284820773



4278732586

# Complementary

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



4279648107



4285219350

# 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.



4281287703



4279648107



4284036628

# Square

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



4279648107



4284950843



4282793485



4278208833

# Rectangle

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



4279648107



4283838552



4282793485



4279912227



# Sweetspot

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



4279648107



4285234060



4279659330



4281548103



4291282887



4282861383



# Same Dimension

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



4279648107



4278667148



4279703147



4281348918



4278204789



4278220533



# Inverse Universe

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



4285208127



4287366983



4285164310



4281741363



4285857849



4294246518



# Previews

## White Background



This preview shows how the Android color 4279648107 looks on a white background.

### Color Contrast Check

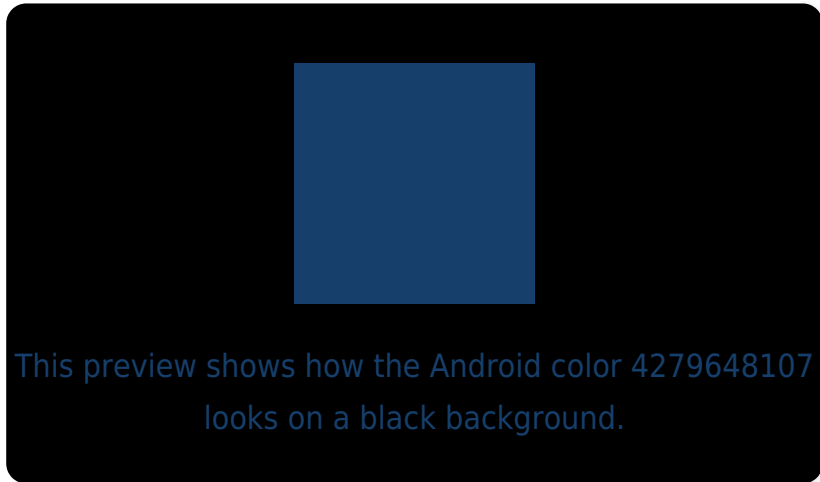
Large Text (above 18pt) WCAG AA ✓ Pass

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

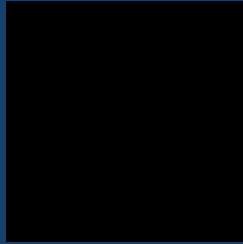
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279648107 Background



This preview shows how black text looks on a background with the Android color 4279648107.



This preview shows how white text looks on a background with the Android color 4279648107.

# 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**  
4279648107

**Protanopia**  
4281023593

**Deuteranopia**  
4279910251



# Trichromacy



**Original Color**  
4279648107

**Protanomaly**  
4280499562

**Deuteranomaly**  
4279844715

**Tritanomaly**  
4278731606

# Monochromacy



**Original Color**  
4279648107

**Achromatopsia**  
4281874488

**Achromatomaly**  
4281088843

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279648107 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(22, 63, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 63, 107) }
```

## Border

The CSS property to change the border of an element to Android 4279648107 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, 107) }
```

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

```
.border{ border-color:rgb(22, 63, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 63, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 63, 107);  
box-shadow:4px 4px 4px 4px rgb(22, 63,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4279648107 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, 107) }
```

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

```
.background{ background-color: rgb(22, 63,  
107) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor