

# Converting Colors

Android(4279720007)

Have a look what the booklet for  
Android(4279720007) contains.

<b>Android(4279720007)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279720007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	175847
RGB	23, 88, 71
RGB Percent	9%, 35%, 28%
CMY	0.9098, 0.6549, 0.7216
CMYK	0.74, 0.00, 0.19, 0.65
HSL	164°, 59%, 22%
HSV	164°, 74%, 35%
XYZ	4.9804, 7.6165, 7.1689
YIQ	66.6270, -33.2830, -19.0670

# Conversions

## Conversions Part 2

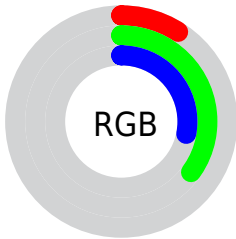
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 60, 88
Decimal	1529927
CIE <sub>Lab</sub>	33.17, -24.84, 4.02
CIE <sub>LCh</sub>	33, 25.165, 170.812
Yxy	7.6165, 0.2520, 0.3853
Android (android.graphics.Color)	4279720007 (0xFF175847)
YUV	66.6270, 2.1559, -38.2609
Hunter-Lab	27.5981, -16.0842, 3.9175

# Details

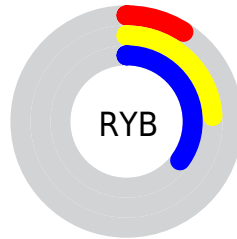
The Android color **4279720007** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283963176**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4283271799**, and **4278200860** is the 20% darker color. If you saturate the color by 10%, you get **4279130181**, and if you desaturate by 10%, it is **4280309833**.

# Distribution



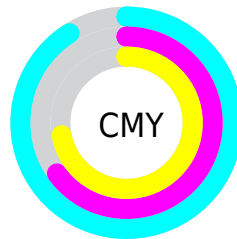
- Red (9%)
- Green (35%)
- Blue (28%)



- Red (9%)
- Yellow (24%)
- Blue (35%)



- Cyan (74%)
- Magenta (0%)
- Yellow (19%)
- Black (65%)



- Cyan (91%)
- Magenta (65%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279720007 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 4279720007 by changing the saturation by 10% instead.





4279720007



4279720007

4294967295



4278206513



4283271799



4278200860



4284917137



4278194945



4286693547



4278190080



4288470215



4290247139



4292149247



4294049791



4279720007



4279720007

■ 4279130181

■ 4280309833

■ 4278540354

■ 4280899660

■ 4278212673

■ 4281423950

■ 4282013776

■ 4282603603

■ 4283193429

■ 4283783255

■ 4284307545

■ 4284897372

# Harmonies

## Analogous

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



4281751092



4279720007



4278212699

# Triad

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



4279720007



4282862451



4285416496

# Complementary

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



4279720007



4283963176

# 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.



4285808449



4279720007



4284564583

# Square

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



4279720007



4280373877



4285546325



4284500774

# Rectangle

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



4279720007



4278212455



4285546325



4285612597



# Sweetspot

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



4279720007



4284117868



4280834071



4281023287



4290427578



4282071867



# Same Dimension

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



4279720007



4279071576



4279716184



4280757034



4278217551



4278250413



# Inverse Universe

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



4283963176



4285730087



4283966999



4281018152



4285202460

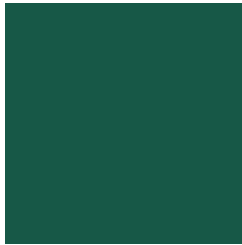


4293591101



# Previews

## White Background



This preview shows how the Android color 4279720007 looks on a white background.

## Color Contrast Check

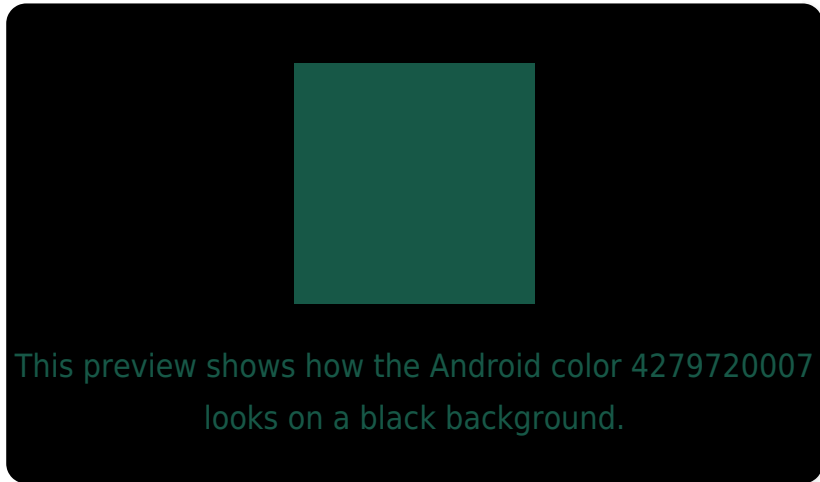
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279720007 Background



This preview shows how black text looks on a background with the Android color 4279720007.



This preview shows how white text looks on a background with the Android color 4279720007.

# 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**

[4279720007](#)

**Protanopia**

[4283584066](#)

**Deuteranopia**

[4283910986](#)



# Trichromacy



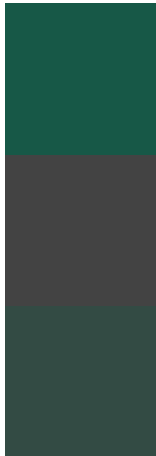
**Original Color**  
4279720007

**Protanomaly**  
4282208836

**Deuteranomaly**  
4282404937

**Tritanomaly**  
4280178260

# Monochromacy



**Original Color**  
4279720007

**Achromatopsia**  
4282598211

**Achromatomaly**  
4281551684

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279720007 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, 88, 71)` looks like.

```
.text, #text, p{  
    color:rgb(23, 88, 71)  
}
```

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, 88, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 88, 71) }
```

## Border

The CSS property to change the border of an element to Android 4279720007 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, 88, 71) }
```

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

```
.border{ border-color:rgb(23, 88, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 88, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 88, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 88, 71);  
box-shadow:4px 4px 4px 4px rgb(23, 88, 71)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279720007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 88, 71) }
```

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

```
.background{ background-color: rgb(23, 88,  
71) }
```

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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