

# Converting Colors

Android(4279593007)

Have a look what the booklet for  
Android(4279593007) contains.

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# Color

**Android(4279593007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15682F
RGB	21, 104, 47
RGB Percent	8%, 41%, 18%
CMY	0.9176, 0.5922, 0.8157
CMYK	0.80, 0.00, 0.55, 0.59
HSL	139°, 66%, 25%
HSV	139°, 80%, 41%
XYZ	5.7727, 10.2653, 4.3665
YIQ	72.6850, -31.1710, -35.3230

# Conversions

## Conversions Part 2

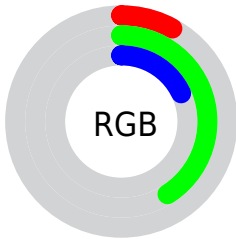
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 84, 104
Decimal	1402927
CIELab	38.31, -37.57, 25.19
CIELCh	38, 45.236, 146.164
Yxy	10.2653, 0.2829, 0.5031
Android (android.graphics.Color)	4279593007 (0xFF15682F)
YUV	72.6850, -12.6627, -45.3277
Hunter-Lab	32.0395, -23.9082, 14.3474

# Details

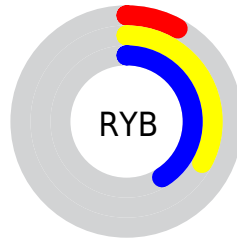
The Android color `4279593007` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285011278`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4283407454`, and `4278204160` is the 20% darker color. If you saturate the color by 10%, you get `4278937640`, and if you desaturate by 10%, it is `4280248374`.

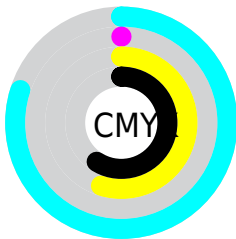
# Distribution



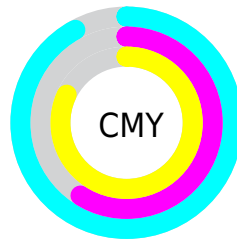
- Red (8%)
- Green (41%)
- Blue (18%)



- Red (8%)
- Yellow (33%)
- Blue (41%)



- Cyan (80%)
- Magenta (0%)
- Yellow (55%)
- Black (59%)



- Cyan (92%)
- Magenta (59%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279593007 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 4279593007 by changing the saturation by 10% instead.





4279593007



4279593007

4294967295



4278210329



4283407454



4278204160



4285183863



4278199296



4286960529



4278190080



4288802988



4290641864



4292476900



4294443007



4279593007



4279593007

■ 4278937640

■ 4280248374

■ 4278216737

■ 4280969277

■ 4281624644

■ 4282345548

■ 4283000915

■ 4283656282

■ 4284377185

■ 4285032552

■ 4285753455

# Harmonies

## Analogous

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



4283261455



4279593007



4278217556

# Triad

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



4279593007



4278214820



4288363068

# Complementary

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



4279593007



4285011278

# 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.



4288231009



4279593007



4283519644

# Square

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



4279593007



4278216855



4286726788



4287318044

# Rectangle

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



4279593007



4278217582



4286726788



4288427848



# Sweetspot

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



4279593007



4284974961



4283394069



4281419063



4291085508



4282729797



# Same Dimension

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



4279593007



4278552366



4279593047



4281217839



4278219556



4278252108



# Inverse Universe

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



4285011278



4287038815



4285011238



4281544241



4285726799



4294049958



# Previews

## White Background



This preview shows how the Android color 4279593007 looks on a white background.

## Color Contrast Check

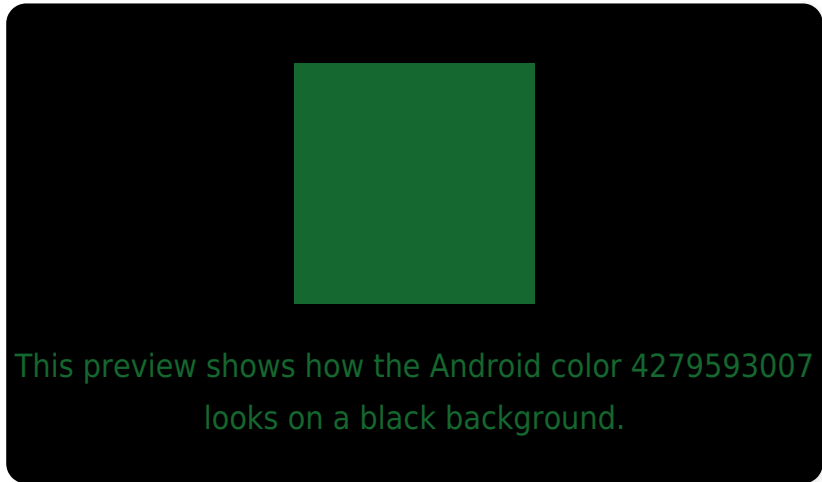
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4279593007 Background



This preview shows how black text looks on a background with the Android color 4279593007.



This preview shows how white text looks on a background with the Android color 4279593007.

# 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**  
4279593007

**Protanopia**  
4284766762

**Deuteranopia**  
4285355572



# Trichromacy



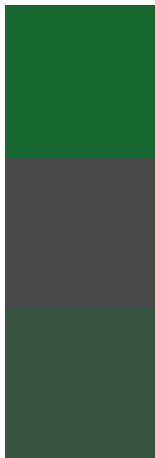
**Original Color**  
4279593007

**Protanomaly**  
4282867500

**Deuteranomaly**  
4283260210

**Tritanomaly**  
4280575061

# Monochromacy



**Original Color**  
4279593007

**Achromatopsia**  
4282992969

**Achromatomaly**  
4281750592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279593007 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(21, 104, 47)` looks like.

```
.text, #text, p{  
    color:rgb(21, 104, 47)  
}
```

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(21, 104, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 104, 47) }
```

## Border

The CSS property to change the border of an element to Android 4279593007 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(21, 104, 47) }
```

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

```
.border{ border-color:rgb(21, 104, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 104, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 104, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 104, 47);  
box-shadow:4px 4px 4px 4px rgb(21, 104,  
47) }
```

# Background

The CSS property to change the background color of an element to Android 4279593007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 104, 47) }
```

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

```
.background{ background-color: rgb(21, 104,  
47) }
```

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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