

# Converting Colors

Android(4279912712)

Have a look what the booklet for  
Android(4279912712) contains.

<b>Android(4279912712)</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(4279912712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A4908
RGB	26, 73, 8
RGB Percent	10%, 29%, 3%
CMY	0.8980, 0.7137, 0.9686
CMYK	0.64, 0.00, 0.89, 0.71
HSL	103°, 80%, 16%
HSV	103°, 89%, 29%
XYZ	2.8524, 5.0022, 1.0449
YIQ	51.5370, -7.1470, -30.1790

# Conversions

## Conversions Part 2

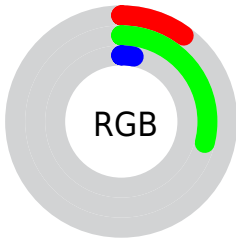
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 73, 55
Decimal	1722632
CIELab	26.74, -28.85, 31.19
CIELCh	27, 42.487, 132.768
Yxy	5.0022, 0.3205, 0.5621
Android (android.graphics.Color)	4279912712 (0xFF1A4908)
YUV	51.5370, -21.4637, -22.3959
Hunter-Lab	22.3657, -16.3752, 12.8860

# Details

The Android color **4279912712** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281796681**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4283267640**, and **4278198016** is the 20% darker color. If you saturate the color by 10%, you get **4279585025**, and if you desaturate by 10%, it is **4280240399**.

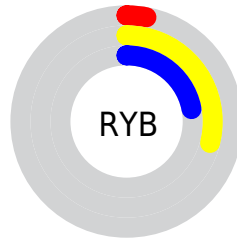
# Distribution



Red (10%)

Green (29%)

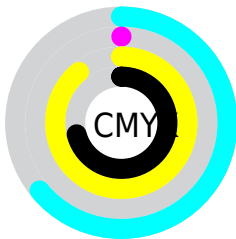
Blue (3%)



Red (3%)

Yellow (29%)

Blue (22%)

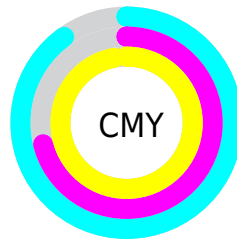


Cyan (64%)

Magenta (0%)

Yellow (89%)

Black (71%)



Cyan (90%)

Magenta (71%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279912712 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 4279912712 by changing the saturation by 10% instead.



 4279912712

 4279912712

 4294967280

 4278268416

 4283267640

 4278198016

 4284912720

 4278190080

 4286623593

 4288400258

 4290176925

 4292018104

 4293918676

 4279912712

 4279912712

■ 4279585025

■ 4280240399

■ 4279519488

■ 4280633623

■ 4280961310

■ 4281288997

■ 4281616685

■ 4282009908

■ 4282337595

■ 4282665282

■ 4283058506

# Harmonies

## Analogous

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



4282466816



4279912712



4278209835

# Triad

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



4279912712



4278208637



4286061363

# Complementary

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



4279912712



4281796681

# 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.



4285472595



4279912712



4278206335

# Square

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



4279912712



4278209899



4283510895



4285540116

# Rectangle

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



4279912712



4278210113



4283510895



4285995582



# Sweetspot

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



4279912712



4283194949



4282988296



4280627233



4289769648



4281348144



# Same Dimension

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



4279912712



4279918080



4278733078



4280362016



4280050432



4282376960



# Inverse Universe

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



4281796681



4282646622



4282976315



4280492068



4282908771

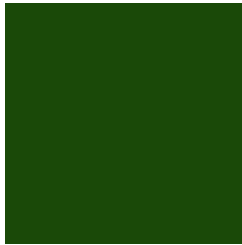


4288938211



# Previews

## White Background



This preview shows how the Android color 4279912712 looks on a white background.

## Color Contrast Check

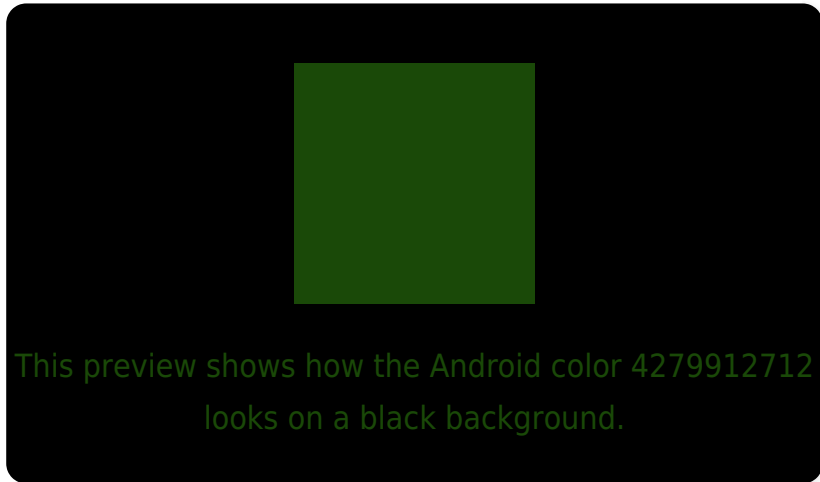
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279912712 Background



This preview shows how black text looks on a background with the Android color 4279912712.



This preview shows how white text looks on a background with the Android color 4279912712.

# 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**  
4279912712

**Protanopia**  
4282859268

**Deuteranopia**  
4283382801



# Trichromacy



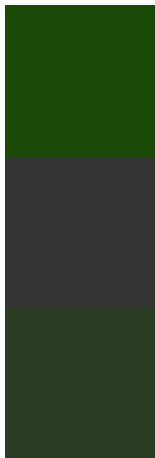
**Original Color**  
4279912712

**Protanomaly**  
4281811717

**Deuteranomaly**  
4282138894

**Tritanomaly**  
4280436273

# Monochromacy



**Original Color**  
4279912712

**Achromatopsia**  
4281611316

**Achromatomaly**  
4281023524

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279912712 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(26, 73, 8)` looks like.

```
.text, #text, p{  
    color:rgb(26, 73, 8)  
}
```

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(26, 73, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 73, 8) }
```

## Border

The CSS property to change the border of an element to Android 4279912712 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(26, 73, 8) }
```

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

```
.border{ border-color:rgb(26, 73, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 73, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 73, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 73, 8); box-shadow:4px  
4px 4px 4px rgb(26, 73, 8) }
```

# Background

The CSS property to change the background color of an element to Android 4279912712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 73, 8) }
```

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

```
.background{ background-color: rgb(26, 73,  
8) }
```

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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