

# Converting Colors

Android(4280114717)

Have a look what the booklet for  
Android(4280114717) contains.

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# Color

**Android(4280114717)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1D5E1D
RGB	29, 94, 29
RGB Percent	11%, 37%, 11%
CMY	0.8863, 0.6314, 0.8863
CMYK	0.69, 0.00, 0.69, 0.63
HSL	120°, 53%, 24%
HSV	120°, 69%, 37%
XYZ	4.7312, 8.3553, 2.5258
YIQ	67.1550, -17.8750, -33.9950

# Conversions

## Conversions Part 2

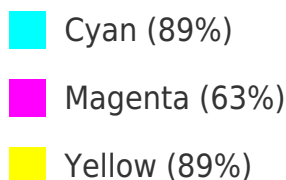
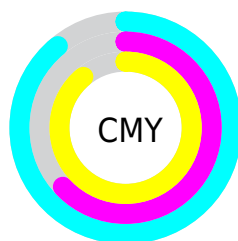
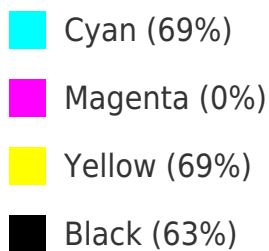
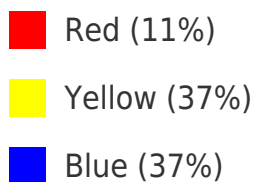
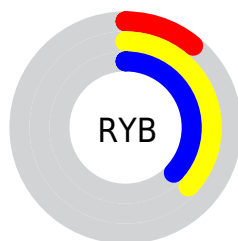
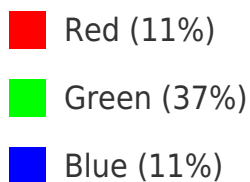
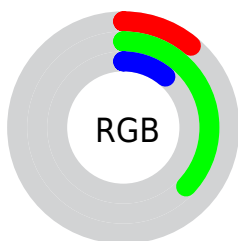
Format	Color
<a href="#">RYB</a>	<a href="#">29, 94, 94</a>
Decimal	<a href="#">1924637</a>
CIELab	<a href="#">34.71, -34.66, 30.40</a>
CIELCh	<a href="#">35, 46.100, 138.750</a>
Yxy	<a href="#">8.3553, 0.3030, 0.5352</a>
Android (android.graphics.Color)	<a href="#">4280114717</a> (0xFF1D5E1D)
YUV	<a href="#">67.1550, -18.8104, -33.4619</a>
Hunter-Lab	<a href="#">28.9056, -21.3685, 15.0531</a>

# Details

The Android color **4280114717** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4284357982**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4283666764**, and **4278202112** is the 20% darker color. If you saturate the color by 10%, you get **4279524884**, and if you desaturate by 10%, it is **4280704550**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4280114717 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 4280114717 by changing the saturation by 10% instead.



 4280114717

 4280114717

4294967295

 4278208005

 4283666764

 4278202112

 4285377637

 4278196480

 4287088766

 4278190080

 4288930969

 4290772916

 4292607951

 4294508524

 4280114717

 4280114717

 4279524884

 4280704550

 4278869514

 4281359920

 4278279681

 4281949753

 4278214144

 4282605123

 4283194956

 4283784789

 4284440159

 4285029992

 4285685362

# Harmonies

## Analogous

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



4283258624



4280114717



4278215234

# Triad

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



4280114717



4278213274



4287835452

# Complementary

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



4280114717



4284357982

# 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.



4287376737



4280114717



4281487000

# Square

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



4280114717



4278214792



4285545859



4287052570

# Rectangle

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



4280114717



4278215260



4285545859



4287834952



# Sweetspot

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



4280114717



4284578401



4284374557



4281220398



4290624957



4282203453



# Same Dimension

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



4280114717



4279597589



4280114749



4280888873



4278218240



4278250752



# Inverse Universe

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



4284357982



4286190970



4284357949



4281215278



4285399150

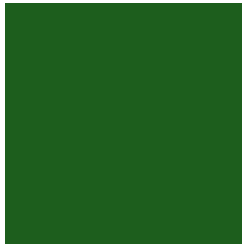


4293722349



# Previews

## White Background



This preview shows how the Android color 4280114717 looks on a white background.

## Color Contrast Check

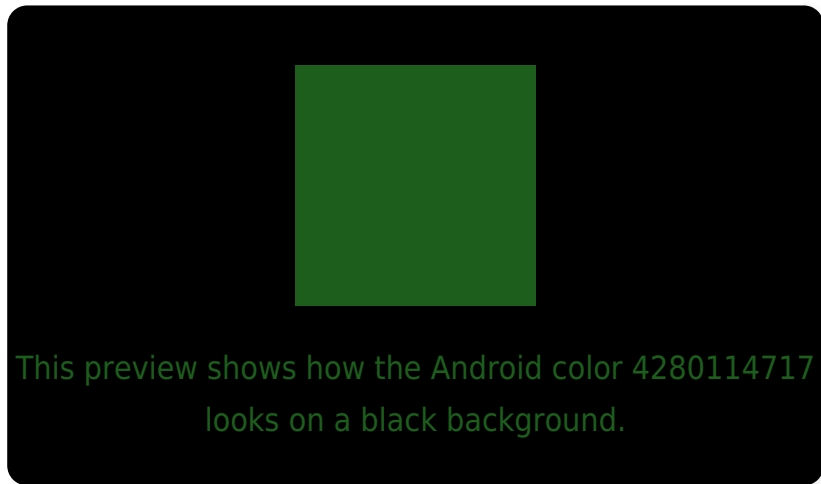
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280114717 Background



This preview shows how black text looks on a background with the Android color 4280114717.



This preview shows how white text looks on a background with the Android color 4280114717.

# 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**

4280114717

**Protanopia**

4284174874

**Deuteranopia**

4284828963



# Trichromacy

	<b>Original Color</b> 4280114717
	<b>Protanomaly</b> 4282668571
	<b>Deuteranomaly</b> 4283126561
	<b>Tritanomaly</b> 4280834631

# Monochromacy

	<b>Original Color</b> 4280114717
	<b>Achromatopsia</b> 4282598211
	<b>Achromatomaly</b> 4281683253

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280114717 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(29, 94, 29)` looks like.

```
.text, #text, p{  
    color:rgb(29, 94, 29)  
}
```

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(29, 94, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 94, 29) }
```

## Border

The CSS property to change the border of an element to Android 4280114717 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(29, 94, 29) }
```

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

```
.border{ border-color:rgb(29, 94, 29) }
```

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

Here you see how a box with a 4 pixel rgb(29, 94, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 94, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 94, 29);  
box-shadow:4px 4px 4px 4px rgb(29, 94, 29)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280114717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 94, 29) }
```

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

```
.background{ background-color: rgb(29, 94,  
29) }
```

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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