

# Converting Colors

Android(4280507164)

Have a look what the booklet for  
Android(4280507164) contains.

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# Color

**Android(4280507164)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	235B1C
RGB	35, 91, 28
RGB Percent	14%, 36%, 11%
CMY	0.8627, 0.6431, 0.8902
CMYK	0.62, 0.00, 0.69, 0.64
HSL	113°, 53%, 23%
HSV	113°, 69%, 36%
XYZ	4.6438, 7.9233, 2.3832
YIQ	67.0740, -13.1530, -31.4650

# Conversions

## Conversions Part 2

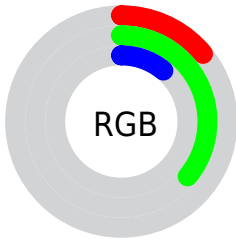
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 91, 84
Decimal	2317084
CIELab	33.82, -31.96, 29.96
CIElCh	34, 43.807, 136.858
Yxy	7.9233, 0.3106, 0.5300
Android (android.graphics.Color)	4280507164 (0xFF235B1C)
YUV	67.0740, -19.2635, -28.1289
Hunter-Lab	28.1484, -19.8115, 14.6841

# Details

The Android color `4280507164` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4283702363`, and the grayscale version is `4282598211`.

A 20% lighter version of the original color is `4283928139`, and `4278201344` is the 20% darker color. If you saturate the color by 10%, you get `4279982867`, and if you desaturate by 10%, it is `4281031461`.

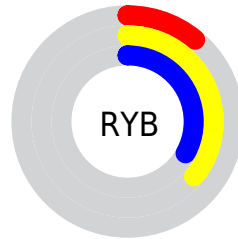
# Distribution



Red (14%)

Green (36%)

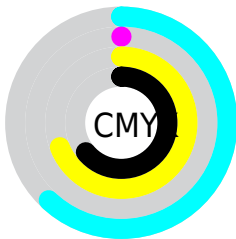
Blue (11%)



Red (11%)

Yellow (36%)

Blue (33%)

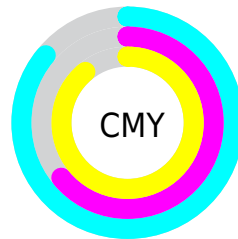


Cyan (62%)

Magenta (0%)

Yellow (69%)

Black (64%)



Cyan (86%)

Magenta (64%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280507164 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 4280507164 by changing the saturation by 10% instead.



 4280507164

 4280507164

4294967295

 4278469380

 4283928139

 4278201344

 4285573475

 4278195712

 4287349885

 4278190080

 4289126551

 4290969010

 4292870094

 4294770666

 4280507164

 4280507164

■ 4279982867

■ 4281031461

■ 4279458570

■ 4281555758

■ 4278934273

■ 4282080055

■ 4278868736

■ 4282604352

■ 4283128650

■ 4283718483

■ 4284242780

■ 4284767077

■ 4285291374

# Harmonies

## Analogous

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



4283323392



4280507164



4278214463

# Triad

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



4280507164



4278212755



4287442238

# Complementary

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



4280507164



4283702363

# 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.



4286984032



4280507164



4281159058

# Square

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



4280507164



4278214274



4285152639



4286789917

# Rectangle

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



4280507164



4278214743



4285152639



4287441993



# Sweetspot

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



4280507164



4284446045



4284175388



4281219884



4290427578



4282071867



# Same Dimension

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



4280507164



4280251668



4280048436



4280954409



4279004672



4279954688



# Inverse Universe

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



4283702363



4285142133



4284161091



4281149742



4284547182

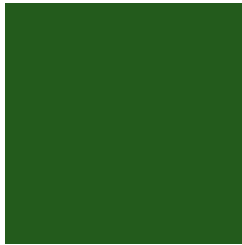


4292018413



# Previews

## White Background



This preview shows how the Android color 4280507164 looks on a white background.

## Color Contrast Check

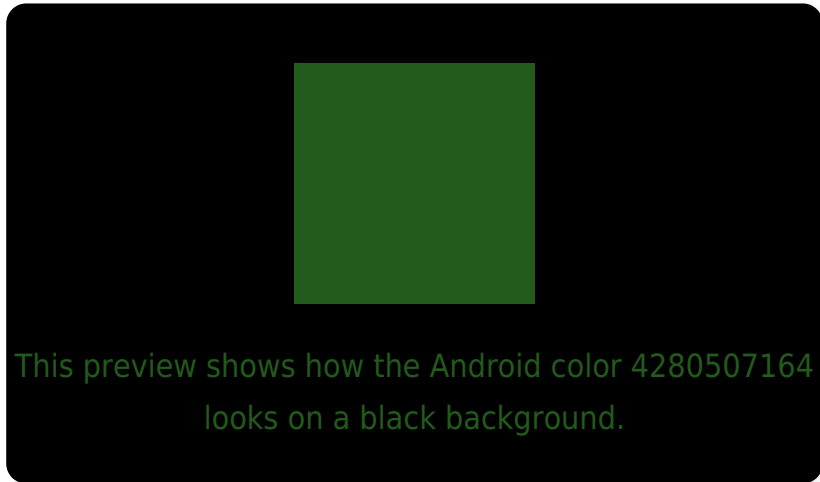
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280507164 Background



This preview shows how black text looks on a background with the Android color 4280507164.



This preview shows how white text looks on a background with the Android color 4280507164.

# 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**

4280507164

**Protanopia**

4284043033

**Deuteranopia**

4284631841



# Trichromacy



**Original Color**  
4280507164

**Protanomaly**  
4282733338

**Deuteranomaly**  
4283126047

**Tritanomaly**  
4281096005

# Monochromacy



**Original Color**  
4280507164

**Achromatopsia**  
4282598211

**Achromatomaly**  
4281814069

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280507164 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(35, 91, 28)` looks like.

```
.text, #text, p{  
    color:rgb(35, 91, 28)  
}
```

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(35, 91, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 91, 28) }
```

## Border

The CSS property to change the border of an element to Android 4280507164 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(35, 91, 28) }
```

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

```
.border{ border-color:rgb(35, 91, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 91, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 91, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 91, 28);  
box-shadow:4px 4px 4px 4px rgb(35, 91, 28)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280507164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 91, 28) }
```

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

```
.background{ background-color: rgb(35, 91,  
28) }
```

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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