

# Converting Colors

Android(4288906516)

Have a look what the booklet for  
Android(4288906516) contains.

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# Color

**Android(4288906516)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | A38514                      |
| RGB         | 163, 133, 20                |
| RGB Percent | 64%, 52%, 8%                |
| CMY         | 0.3608, 0.4784, 0.9216      |
| CMYK        | 0.00, 0.18, 0.88, 0.36      |
| HSL         | 47°, 78%, 36%               |
| HSV         | 47°, 88%, 64%               |
| XYZ         | 23.6181, 24.6121, 4.1676    |
| YIQ         | 129.0880, 54.1530, -28.7830 |

# Conversions

## Conversions Part 2

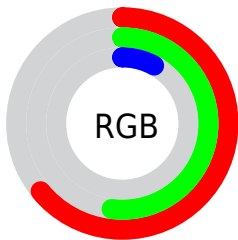
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 58, 163, 20                    |
| Decimal                             | 10716436                       |
| CIELab                              | 56.70, 1.00, 57.94             |
| CIELCh                              | 57, 57.944, 89.010             |
| Yxy                                 | 24.6121, 0.4507,<br>0.4697     |
| Android<br>(android.graphics.Color) | 4288906516<br>(0xFFA38514)     |
| YUV                                 | 129.0880, -53.7804,<br>29.7408 |
| Hunter-Lab                          | 49.6106, -1.8402,<br>29.7466   |

# Details

The Android color **4288906516** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4279513763**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4292786766**, and **4285223936** is the 20% darker color. If you saturate the color by 10%, you get **4288905732**, and if you desaturate by 10%, it is **4288907300**.

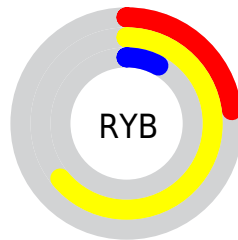
# Distribution



Red (64%)

Green (52%)

Blue (8%)



Red (23%)

Yellow (64%)

Blue (8%)

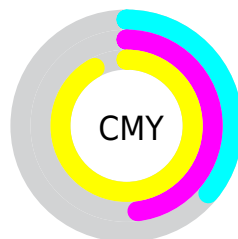


Cyan (0%)

Magenta (18%)

Yellow (88%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288906516 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 4288906516 by changing the saturation by 10% instead.





4288906516



4288906516

4294967295



4287065088



4292786766



4285223936



4294759784



4283448576



4294963843



4281673728



4294967198



4280095744



4294967226



4278190080



4294967255



4294967284



4288906516



4288906516

■ 4288905732

■ 4288907300

■ 4288905472

■ 4288908341

■ 4288909125

■ 4288910165

■ 4288910949

■ 4288911990

■ 4288912774

■ 4288913558

■ 4288914599

# Harmonies

## Analogous

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



4291457328



4288906516



4285633318

# Triad

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



4288906516



4278230968



4290995645

# Complementary

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



4288906516



4279513763

# 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.



4286872545



4288906516



4278229726

# Square

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



4288906516



4278231173



4278226669



4292892556

# Rectangle

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



4288906516



4282751554



4278226669



4289883339



# Sweetspot

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



4288906516



4292135069



4288877619



4285228106



4293651435



4285229931



# Same Dimension

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



4288906516



4292126464



4286227220



4283584585



4287722240



4279373312



# Inverse Universe

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



4279513763



4278201556



4282193059



4282993490



4278197905

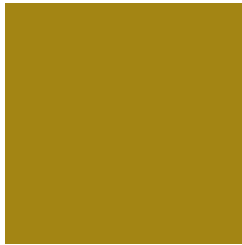


4278191122



# Previews

## White Background



This preview shows how the Android color 4288906516 looks on a white background.

## Color Contrast Check

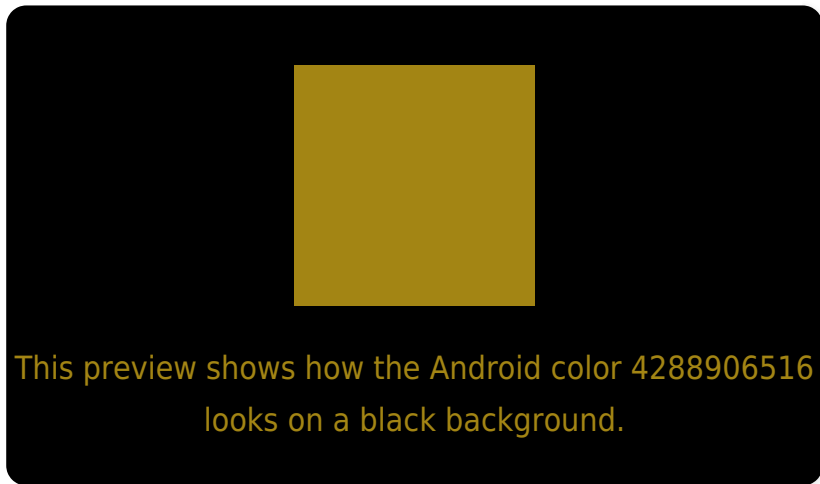
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288906516 Background



This preview shows how black text looks on a background with the Android color 4288906516.



This preview shows how white text looks on a background with the Android color 4288906516.

# 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**


4288906516

**Protanopia**

4288317717

**Deuteranopia**

4289495319



**Tritanopia**  
4289363077

# Trichromacy



**Original Color**  
4288906516

**Protanomaly**  
4288514069

**Deuteranomaly**  
4289298966

**Tritanomaly**  
4289167196

# Monochromacy



**Original Color**  
4288906516

**Achromatopsia**  
4286677377

**Achromatomaly**  
4287464025

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288906516 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(163, 133, 20)` looks like.

```
.text, #text, p{  
    color:rgb(163, 133, 20)  
}
```

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(163, 133, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 133, 20) }
```

## Border

The CSS property to change the border of an element to Android 4288906516 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(163, 133, 20) }
```

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

```
.border{ border-color:rgb(163, 133, 20) }
```

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

Here you see how a box with a 4 pixel rgb(163, 133, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 133, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 133, 20);  
box-shadow:4px 4px 4px 4px rgb(163, 133,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4288906516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 133, 20) }
```

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

```
.background{ background-color: rgb(163,  
133, 20) }
```

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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