

# Converting Colors

Android(4291930716)

Have a look what the booklet for  
Android(4291930716) contains.

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# **Color**

**Android(4291930716)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D1AA5C                      |
| RGB         | 209, 170, 92                |
| RGB Percent | 82%, 67%, 36%               |
| CMY         | 0.1804, 0.3333, 0.6392      |
| CMYK        | 0.00, 0.19, 0.56, 0.18      |
| HSL         | 40°, 56%, 59%               |
| HSV         | 40°, 56%, 82%               |
| XYZ         | 42.6010, 43.0775, 16.1947   |
| YIQ         | 172.7690, 48.2820, -15.9900 |

# Conversions

## Conversions Part 2

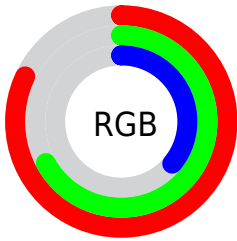
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">151, 209, 92</a>                                 |
| Decimal                             | <a href="#">13740636</a>                                     |
| CIELab                              | <a href="#">71.61, 5.03, 45.08</a>                           |
| CIELCh                              | <a href="#">72, 45.361, 83.637</a>                           |
| Yxy                                 | <a href="#">43.0775, 0.4182, 0.4229</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291930716</a><br>( <a href="#">0xFFD1AA5C</a> ) |
| YUV                                 | <a href="#">172.7690, -39.8191, 31.7746</a>                  |
| Hunter-Lab                          | <a href="#">65.6334, 1.0013, 31.3139</a>                     |

# Details

The Android color **4291930716** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **4284253137**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294959504**, and **4288181802** is the 20% darker color. If you saturate the color by 10%, you get **4291928903**, and if you desaturate by 10%, it is **4291932529**.

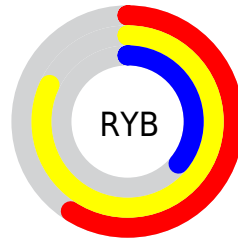
# Distribution



Red (82%)

Green (67%)

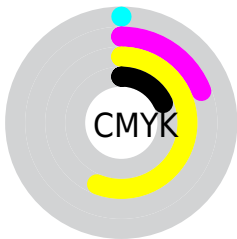
Blue (36%)



Red (59%)

Yellow (82%)

Blue (36%)

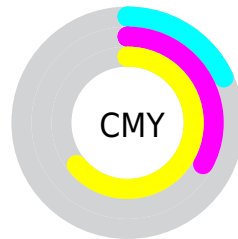


Cyan (0%)

Magenta (19%)

Yellow (56%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291930716 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 4291930716 by changing the saturation by 10% instead.





4291930716



4291930716

4294967295



4290023491



4294959504



4288181802



4294966955



4286340623



4294967239



4284564992



4294967267



4282855424



4281146112



4279435776



4278190080



4291930716



4291930716

■ 4291928903

■ 4291932529

■ 4291927090

■ 4291934342

■ 4291925277

■ 4291936155

■ 4291923464

■ 4291937968

■ 4291922688

■ 4291939780

■ 4291941593

■ 4291943406

■ 4291945215

■ 4291947007

# Harmonies

## Analogous

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



4293892974



4291930716



4289247073

# Triad

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



4291930716



4278240719



4292581857

# Complementary

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



4291930716



4284253137

# 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.



4289112315



4291930716



4278239473

# Square

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



4291930716



4281582757



4284069631



4294479802

# Rectangle

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



4291930716



4287217010



4284069631



4291599852



# Sweetspot

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



4291930716



4294963668



4291910787



4286609254



4278190080



4286611584



# Same Dimension

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



4291930716



4294952532



4290695516



4285097310



4289228800



4280883968



# Inverse Universe

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



4284253137



4283731455



4285488337



4284375657



4278204584



4278193705



# Previews

## White Background



This preview shows how the Android color 4291930716 looks on a white background.

## Color Contrast Check

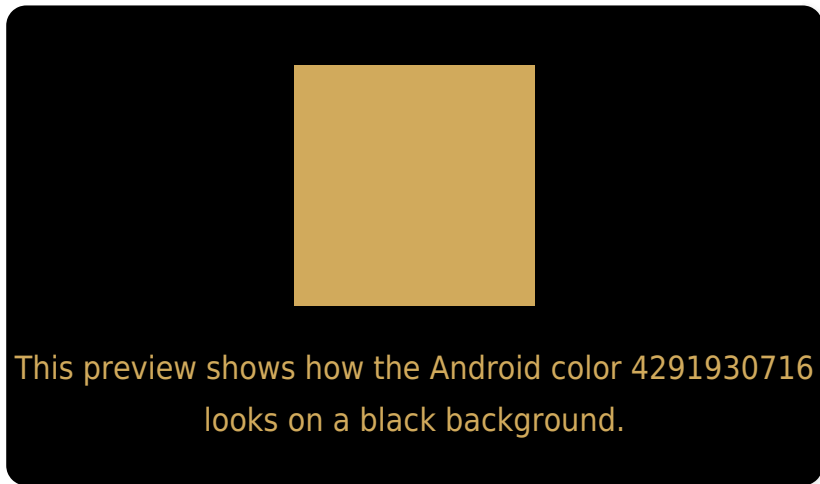
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4291930716 Background



This preview shows how black text looks on a background with the Android color 4291930716.



This preview shows how white text looks on a background with the Android color 4291930716.

# 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**  
4291930716

**Protanopia**  
4290883678

**Deuteranopia**  
4292323165



**Tritanopia**  
4292387245

# Trichromacy



**Original Color**  
4291930716

**Protanomaly**  
4291276381

**Deuteranomaly**  
4292192349

**Tritanomaly**  
4292191376

# Monochromacy



**Original Color**  
4291930716

**Achromatopsia**  
4289572269

**Achromatomaly**  
4290423952

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291930716 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(209, 170, 92)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 92)  
}
```

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(209, 170, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 92) }
```

## Border

The CSS property to change the border of an element to Android 4291930716 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(209, 170, 92) }
```

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

```
.border{ border-color:rgb(209, 170, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 92);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4291930716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 92) }
```

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

```
.background{ background-color: rgb(209,  
170, 92) }
```

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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