# Converting Colors

Android(4292648227)

Have a look what the booklet for Android(4292648227) contains.

# Color

**Android(4292648227)**

# Conversions

Conversions Part 1

| Format | Color |
|---|---|
| Hex | DC9D23 |
| RGB | 220, 157, 35 |
| RGB Percent | 86%, 62%, 14% |
| CMY | 0.1373, 0.3843, 0.8627 |
| CMYK | 0.00, 0.29, 0.84, 0.14 |
| HSL | 40°, 73%, 50% |
| HSV | 40°, 84%, 86% |
| XYZ | 41.8755, 39.4509, 6.9978 |
| YIQ | 161.9290, 76.7100, -24.5860 |

# Conversions

Conversions Part 2

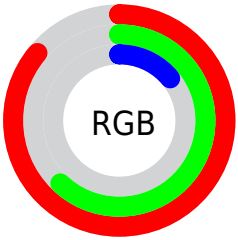
| Format | Color |
|---|---|
| RYB | 131, 220, 35 |
| Decimal | 14458147 |
| CIELab | 69.08, 13.75, 66.57 |
| CIELCh | 69, 67.977, 78.329 |
| Yxy | 39.4509, 0.4741, 0.4467 |
| Android (android.graphics.Color) | 4292648227 (0xFFDC9D23) |
| YUV | 161.9290, -62.5760, 50.9283 |
| Hunter-Lab | 62.8100, 9.0889, 37.3613 |

# Details

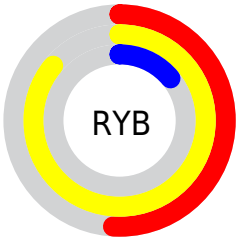
The Android color 4292648227 is a dark color, and the websafe version is hex CC9900. The color can be described as middle washed orange. A complement of this color would be 4280509148, and the grayscale version is 4288848546.

A 20% lighter version of the original color is 4294955868, and 4288702976 is the 20% darker color. If you saturate the color by 10%, you get 4292646413, and if you desaturate by 10%, it is 4292650041.

# Distribution

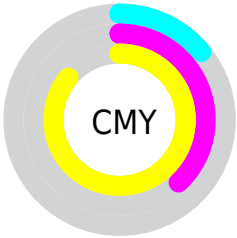



- Red (86%)
- Green (62%)
- Blue (14%)




- Red (51%)
- Yellow (86%)
- Blue (14%)


- Cyan (0%)
- Magenta (29%)
- Yellow (84%)
- Black (14%)




- Cyan (14%)
- Magenta (38%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292648227 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 4292648227 by changing the saturation by 10% instead.

4292648227

4294967295

4294955868

4294963320

4294967187

4294967215

4294967244

4294967273

4292648227

4290675456

4288702976

4286796288

4284889856

4283049216

4281340160

4279566336

4278190080

4292648227

4292648227

4292646413

4292645120

4292650041

4292652111

4292653925

4292655995

4292657809

4292659879

4292661693

4292663763

4292665577

# Harmonies

## Analogous

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

4294935630

4292648227

4288983331

# Triad

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

4292648227

4278240974

4292577275

# Complementary

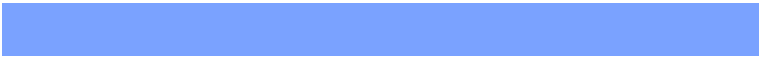
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

4292648227

4280509148

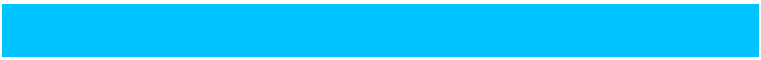
# Split Complementary

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.



4286227199

4292648227



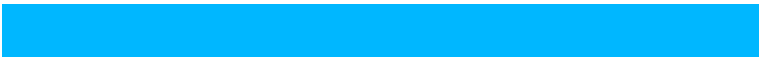
4278239999

# Square

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

4292648227

4278240398



4278237183

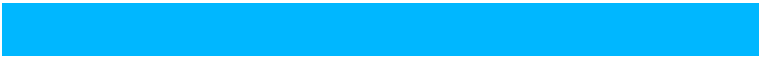
4294930883

# Rectangle

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

4292648227

4285971008



4278237183

4290875903

# Sweetspot

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

4292648227



4294961599

4292617060

4286607961

4278190080

4286611584

# Same Dimension

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

4292648227

4294944768

4290829347

4285426275

4289556992

4281212416

# Inverse Universe

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

4280509148

4278212607

4282328028

4284704366

4278205357

4278194222

# Previews

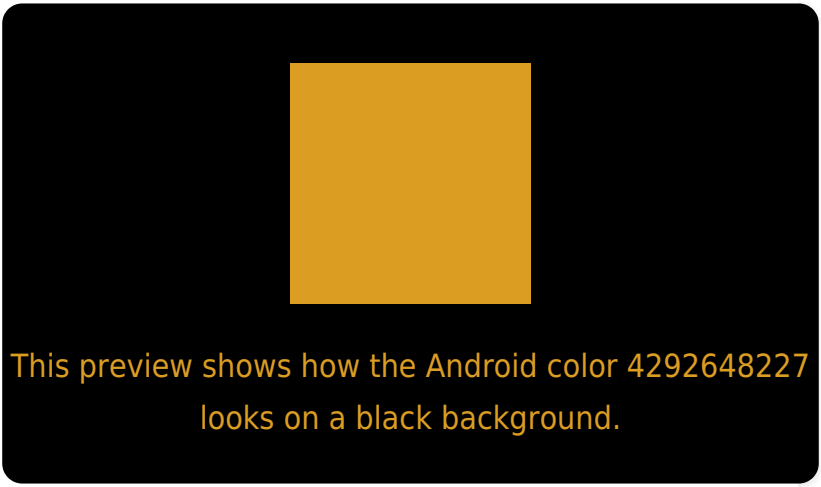
## White Background

This preview shows how the Android color 4292648227 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

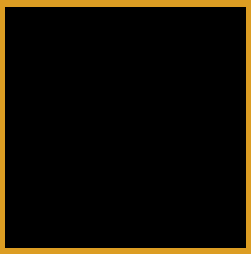



### Color Contrast Check

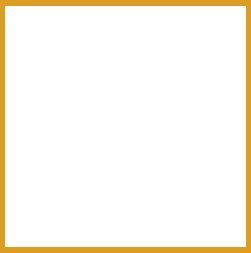
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

# Android 4292648227 Background



This preview shows how black text looks on a background with the Android color 4292648227.



This preview shows how white text looks on a background with the Android color 4292648227.

# 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**
4292648227

**Protanopia**
4290685222

**Deuteranopia**
4292190241

**Tritanopia**
4293104285

# Trichromacy

**Original Color**
4292648227

**Protanomaly**
4291405093

**Deuteranomaly**
4292386594

**Tritanomaly**
4292908657

# Monochromacy

**Original Color**
4292648227

**Achromatopsia**
4288848546

**Achromatomaly**
4290224244

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292648227 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(220, 157, 35) looks like.

```
.text, #text, p{
    color:rgb(220, 157, 35)
}
```

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(220, 157, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 157, 35) }
```

# Border

The CSS property to change the border of an element to Android 4292648227 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(220, 157, 35) }
```

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

```
.border{ border-color:rgb(220, 157, 35) }
```

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

Here you see how a box with a 4 pixel rgb(220, 157, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 157, 35); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 157, 35); box-shadow:4px 4px 4px 4px rgb(220, 157, 35) }
```

# Background

The CSS property to change the background color of an element to Android 4292648227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 157, 35) }
```

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

```
.background{ background-color:rgb(220,
157, 35) }
```

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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