

# Converting Colors

Android(4291527005)

Have a look what the booklet for  
Android(4291527005) contains.

<b>Android(4291527005)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4291527005)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB815D
RGB	203, 129, 93
RGB Percent	80%, 51%, 36%
CMY	0.2039, 0.4941, 0.6353
CMYK	0.00, 0.36, 0.54, 0.20
HSL	20°, 51%, 58%
HSV	20°, 54%, 80%
XYZ	34.4546, 29.1873, 14.1737
YIQ	147.0220, 55.6600, 4.4920

# Conversions

## Conversions Part 2

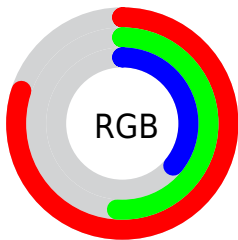
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 147, 93
Decimal	13336925
CIE <sub>Lab</sub>	60.95, 24.84, 31.31
CIE <sub>LCh</sub>	61, 39.966, 51.564
Yxy	29.1873, 0.4428, 0.3751
Android (android.graphics.Color)	4291527005 (0xFFCB815D)
YUV	147.0220, -26.6328, 49.0927
Hunter-Lab	54.0253, 19.2941, 22.2628

# Details

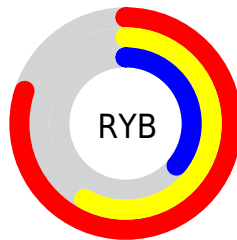
The Android color **4291527005** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4284327883**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4294948496**, and **4287713070** is the 20% darker color. If you saturate the color by 10%, you get **4291523401**, and if you desaturate by 10%, it is **4291530609**.

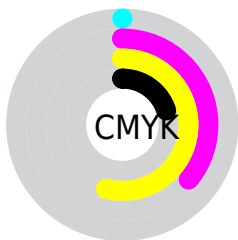
# Distribution



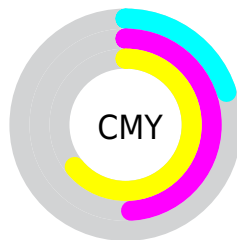
- Red (80%)
- Green (51%)
- Blue (36%)



- Red (80%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (54%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291527005 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 4291527005 by changing the saturation by 10% instead.





4291527005



4291527005

4294967295



4289620037



4294948496



4287713070



4294955691



4285871896



4294963142



4284096512



4294967266



4282321152



4280811521



4278190080



4291527005




4291527005





4291523401




4291530609


 4291520052


 4291533958


 4291516448

 4291537562


 4291512844


 4291541166

 4291510784

 4291544515

 4291548119

 4291551723

 4291555071

 4291558655

# Harmonies

## Analogous

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



4292311163



4291527005



4289891916

# Triad

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



4291527005



4281247112



4287074005

# Complementary

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



4291527005



4284327883

# 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.



4282686168



4291527005



4278232492

# Square

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



4291527005



4284916070



4278231753



4290085055

# Rectangle

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



4291527005



4288451916



4278231753



4285764312

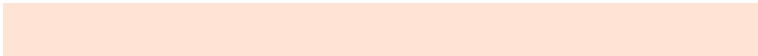


# Sweetspot

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



4291527005



4294960342



4291517864



4286607207



4278190080



4286611584



# Same Dimension

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



4291527005



4294938457



4291540829



4284899164



4289082880



4280683776



# Inverse Universe

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



4284327883



4284074495



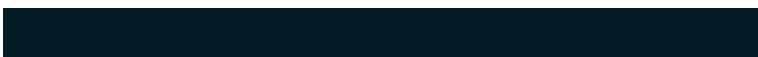
4284314059



4284244838



4278218918



4278196774



# Previews

## White Background



This preview shows how the Android color 4291527005 looks on a white background.

## Color Contrast Check

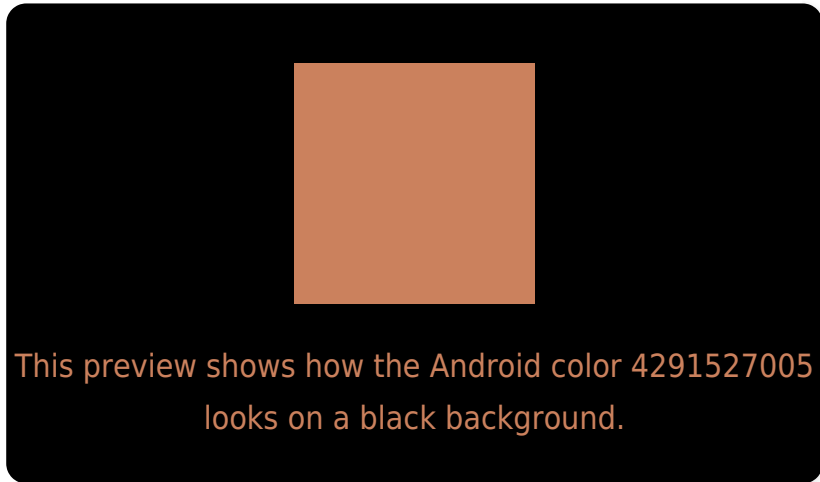
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291527005 Background



This preview shows how black text looks on a background with the Android color 4291527005.



This preview shows how white text looks on a background with the Android color 4291527005.

# 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**  
4291527005

**Protanopia**  
4288713572

**Deuteranopia**  
4289891675



# Trichromacy



**Original Color**

4291527005

**Protanomaly**

4289760353

**Deuteranomaly**

4290480476

**Tritanomaly**

4291657334

# Monochromacy



**Original Color**

4291527005

**Achromatopsia**

4287861651

**Achromatomaly**

4289170559

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291527005 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(203, 129, 93)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 93)  
}
```

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(203, 129, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 93) }
```

## Border

The CSS property to change the border of an element to Android 4291527005 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(203, 129, 93) }
```

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

```
.border{ border-color:rgb(203, 129, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 129, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 93);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
93) }
```

# Background

The CSS property to change the background color of an element to Android 4291527005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 129, 93) }
```

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

```
.background{ background-color: rgb(203,  
129, 93) }
```

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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