

Converting Colors

Android(4291526965)

Have a look what the booklet for
Android(4291526965) contains.

Android(4291526965)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291526965)

Conversions

Conversions Part 1

Format	Color
Hex	CB8135
RGB	203, 129, 53
RGB Percent	80%, 51%, 21%
CMY	0.2039, 0.4941, 0.7922
CMYK	0.00, 0.36, 0.74, 0.20
HSL	30°, 59%, 50%
HSV	30°, 74%, 80%
XYZ	33.1215, 28.6541, 7.1533
YIQ	142.4620, 68.5000, -7.9480

Conversions

Conversions Part 2

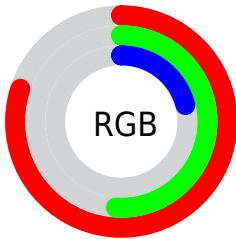
Format	Color
R_{YB}	199, 203, 53
Decimal	13336885
CIE _{Lab}	60.48, 22.22, 51.15
CIE _{LCh}	60, 55.770, 66.522
Yxy	28.6541, 0.4805, 0.4157
Android (android.graphics.Color)	4291526965 (0xFFCB8135)
YUV	142.4620, -44.1048, 53.0918
Hunter-Lab	53.5295, 16.7706, 29.5476

Details

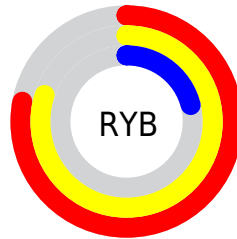
The Android color **4291526965** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **4281696203**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4294948456**, and **4287647488** is the 20% darker color. If you saturate the color by 10%, you get **4291524385**, and if you desaturate by 10%, it is **4291529545**.

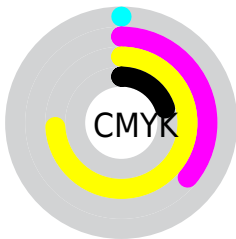
Distribution



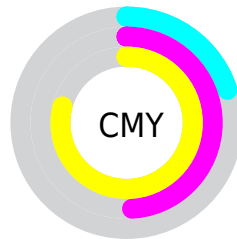
- Red (80%)
- Green (51%)
- Blue (21%)



- Red (78%)
- Yellow (80%)
- Blue (21%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291526965 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 4291526965 by changing the saturation by 10% instead.



4291526965



4291526965

4294967295



4289554459



4294948456



4287647488



4294955650



4285741056



4294962845



4283900416



4294967224



4282059776



4294967253



4280614913



4294967281



4278190080



4291526965




4291526965





4291524385





4291529545


 4291521804


 4291532126

 4291520256


 4291534706


 4291537286

 4291539867

 4291542447

 4291545027

 4291547607

 4291550188

Harmonies

Analogous

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



4293291610



4291526965



4288844583

Triad

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



4291526965



4278233755



4288839905

Complementary

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



4291526965



4281696203

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.



4282291444



4291526965



4278233291

Square

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



4291526965



4278691689



4278231532



4292242618

Rectangle

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



4291526965



4286684211



4278231532



4287203306

Sweetspot

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



4291526965



4294960071



4291507584



4286607198



4278190080



4286611584

Same Dimension

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



4291526965



4294938396



4291545909



4284899676



4289090560



4280685312

Inverse Universe

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



4281696203



4280061183



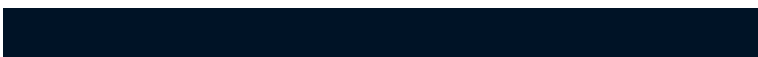
4281677259



4284244326



4278211238



4278194982

Previews

White Background



This preview shows how the Android color 4291526965 looks on a white background.

Color Contrast Check

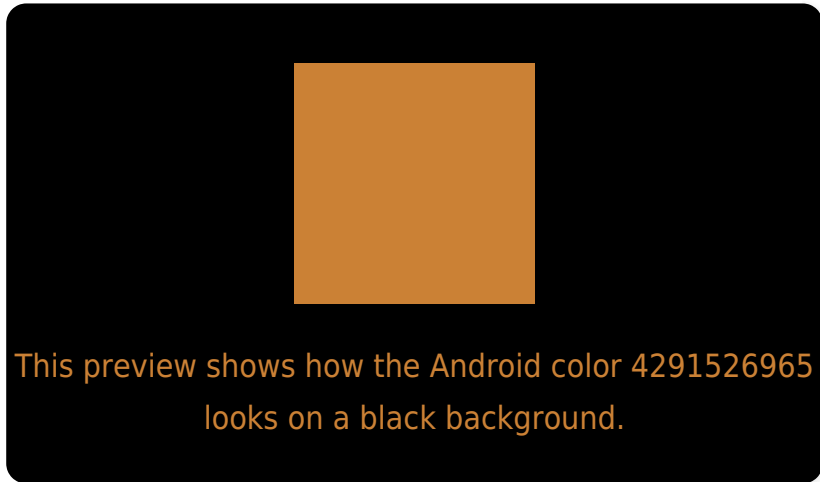
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291526965 Background



This preview shows how black text looks on a background with the Android color 4291526965.



This preview shows how white text looks on a background with the Android color 4291526965.

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
4291526965

Protanopia
4288910138

Deuteranopia
4290218802



Tritanopia
4291852674

Trichromacy



Original Color
4291526965

Protanomaly
4289891384

Deuteranomaly
4290676531

Tritanomaly
4291722342

Monochromacy



Original Color
4291526965

Achromatopsia
4287532686

Achromatomaly
4288973166

CSS Examples

Text

The CSS property to change the color of the text to Android 4291526965 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, 53)` looks like.

```
.text, #text, p{  
    color:rgb(203, 129, 53)  
}
```

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, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 129, 53) }
```

Border

The CSS property to change the border of an element to Android 4291526965 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, 53) }
```

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

```
.border{ border-color:rgb(203, 129, 53) }
```

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, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 129, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 129, 53);  
box-shadow:4px 4px 4px 4px rgb(203, 129,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4291526965 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, 53) }
```

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

```
.background{ background-color: rgb(203,  
129, 53) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor