

Converting Colors

Android(4291010654)

Have a look what the booklet for
Android(4291010654) contains.

Android(4291010654)	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(4291010654)

Conversions

Conversions Part 1

Format	Color
Hex	C3A05E
RGB	195, 160, 94
RGB Percent	76%, 63%, 37%
CMY	0.2353, 0.3725, 0.6314
CMYK	0.00, 0.18, 0.52, 0.24
HSL	39°, 46%, 57%
HSV	39°, 52%, 76%
XYZ	37.0969, 37.5519, 15.8827
YIQ	162.9410, 42.0460, -13.1060

Conversions

Conversions Part 2

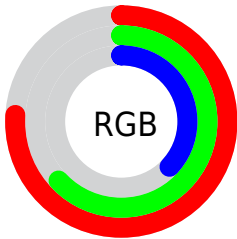
Format	Color
RYB	148, 195, 94
Decimal	12820574
CIELab	67.69, 4.67, 39.01
CIELCh	68, 39.289, 83.170
Yxy	37.5519, 0.4098, 0.4148
Android (android.graphics.Color)	4291010654 (0xFFC3A05E)
YUV	162.9410, -33.9879, 28.1157
Hunter-Lab	61.2796, 0.8194, 27.5287

Details

The Android color `4291010654` 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 `4284383683`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4294825874`, and `4287327533` is the 20% darker color. If you saturate the color by 10%, you get `4291008843`, and if you desaturate by 10%, it is `4291012466`.

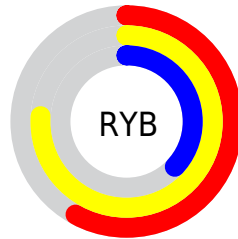
Distribution



Red (76%)

Green (63%)

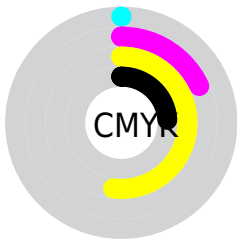
Blue (37%)



Red (58%)

Yellow (76%)

Blue (37%)

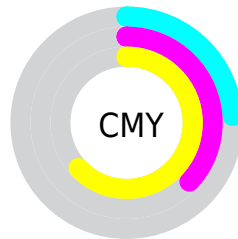


Cyan (0%)

Magenta (18%)

Yellow (52%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291010654 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 4291010654 by changing the saturation by 10% instead.

 4291010654

 4291010654

4294967295

 4289168965

 4294825874

 4287327533

 4294964141

 4285551893

 4294967240

 4283776512

 4294967269

 4282132480

 4280488960

 4278190080

 4291010654

 4291010654

 4291008843

 4291012466

■ 4291007031

■ 4291014277

■ 4291005476

■ 4291015833

■ 4291003664

■ 4291017644

■ 4291002112

■ 4291019456

■ 4291021267

■ 4291022823

■ 4291024634

■ 4291026431

Harmonies

Analogous

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



4292711533



4291010654



4288719714

Triad

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



4291010654



4278237120



4291465936

Complementary

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



4291010654



4284383683

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.



4288520166



4291010654



4278236125

Square

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



4291010654



4282693531



4284525547



4293167791

Rectangle

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



4291010654



4286951792



4284525547



4290615001

Sweetspot

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



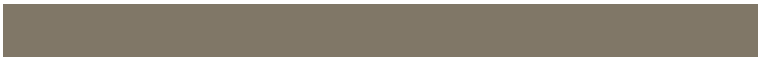
4291010654



4294766292



4290993793



4286609255



4278190080



4286611584

Same Dimension

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



4291010654



4294755936



4290036574



4284571223



4288768256



4280358400

Inverse Universe

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



4284383683



4284520188



4285357763



4283915105



4278204577



4278192929

Previews

White Background



This preview shows how the Android color 4291010654 looks on a white background.

Color Contrast Check

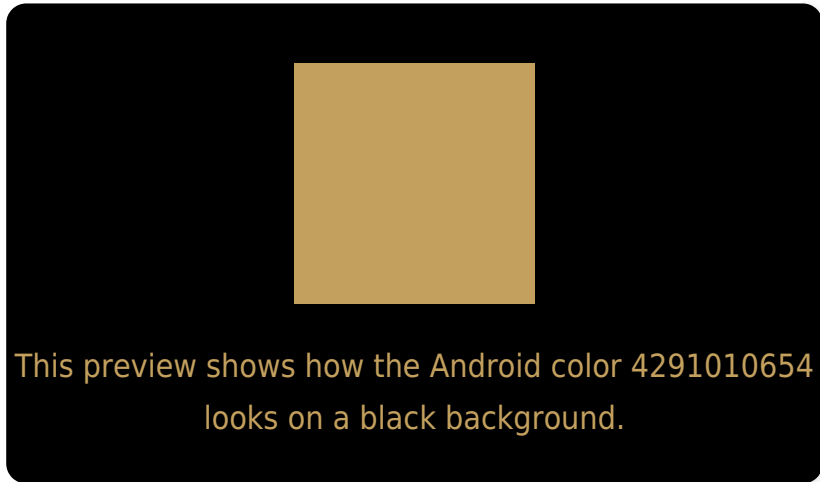
Large Text (above 18pt) WCAG AA × Fail

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 4291010654 Background



This preview shows how black text looks on a background with the Android color 4291010654.



This preview shows how white text looks on a background with the Android color 4291010654.

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
4291010654

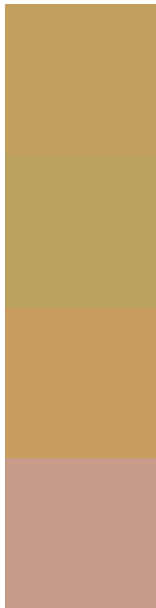
Protanopia
4290094432

Deuteranopia
4291403103



Tritanopia
4291401891

Trichromacy



Original Color
4291010654

Protanomaly
4290421599

Deuteranomaly
4291272287

Tritanomaly
4291271562

Monochromacy



Original Color
4291010654

Achromatopsia
4288914339

Achromatomaly
4289700490

CSS Examples

Text

The CSS property to change the color of the text to Android 4291010654 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(195, 160, 94)` looks like.

```
.text, #text, p{  
    color:rgb(195, 160, 94)  
}
```

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(195, 160, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 160, 94) }
```

Border

The CSS property to change the border of an element to Android 4291010654 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(195, 160, 94) }
```

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

```
.border{ border-color:rgb(195, 160, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 160, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 160, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 160, 94);  
box-shadow:4px 4px 4px 4px rgb(195, 160,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4291010654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 160, 94) }
```

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

```
.background{ background-color: rgb(195,  
160, 94) }
```

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