

Converting Colors

Android(4290684775)

Have a look what the booklet for
Android(4290684775) contains.

Android(4290684775)	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(4290684775)

Conversions

Conversions Part 1

Format	Color
Hex	BEA767
RGB	190, 167, 103
RGB Percent	75%, 65%, 40%
CMY	0.2549, 0.3451, 0.5961
CMYK	0.00, 0.12, 0.46, 0.25
HSL	44°, 40%, 57%
HSV	44°, 46%, 75%
XYZ	37.5021, 39.5639, 18.4920
YIQ	166.5810, 34.2520, -15.0280

Conversions

Conversions Part 2

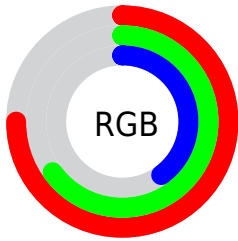
Format	Color
RYB	134, 190, 103
Decimal	12494695
CIELab	69.16, -0.33, 36.07
CIELCh	69, 36.068, 90.528
Yxy	39.5639, 0.3925, 0.4140
Android (android.graphics.Color)	4290684775 (0xFFBEA767)
YUV	166.5810, -31.3454, 20.5385
Hunter-Lab	62.8998, -3.6494, 26.5991

Details

The Android color **4290684775** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **4284972734**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4294499995**, and **4287066934** is the 20% darker color. If you saturate the color by 10%, you get **4290683476**, and if you desaturate by 10%, it is **4290686074**.

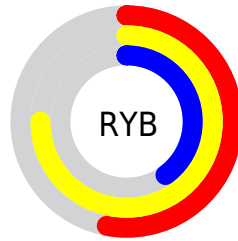
Distribution



Red (75%)

Green (65%)

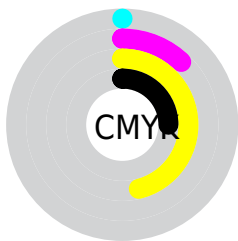
Blue (40%)



Red (53%)

Yellow (75%)

Blue (40%)

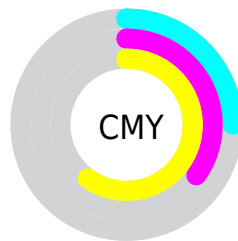


Cyan (0%)

Magenta (12%)

Yellow (46%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290684775 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 4290684775 by changing the saturation by 10% instead.



4290684775



4290684775

4294967295



4288843086



4294499995



4287066934



4294965942



4285291294



4294967250



4283581445



4294967279



4282002688



4280359168



4278190080



4290684775



4290684775



4290683476



4290686074

 4290682177

 4290687373

 4290680878

 4290688672

 4290679579

 4290689971

 4290678280

 4290691270

 4290677760

 4290692569

 4290693868

 4290695167

 4290696447

Harmonies

Analogous

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



4292451441



4290684775



4288459119

Triad

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



4290684775



4280859337



4292056521

Complementary

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



4290684775



4284972734

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.



4289568993



4290684775



4282693089

Square

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



4290684775



4283087528



4286295274



4293300393

Rectangle

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



4290684775



4286756478



4286295274



4291336403

Sweetspot

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



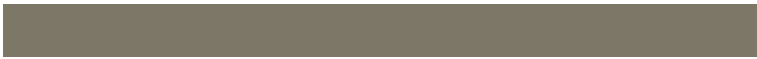
4290684775



4294438613



4290668414



4286412648



4294769916



4286414205

Same Dimension

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



4290684775



4294431599



4289379943



4284374101



4288574464



4280227584

Inverse Universe

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



4284972734



4285502455



4286277566



4283783006



4278200990



4278192159

Previews

White Background



This preview shows how the Android color 4290684775 looks on a white background.

Color Contrast Check

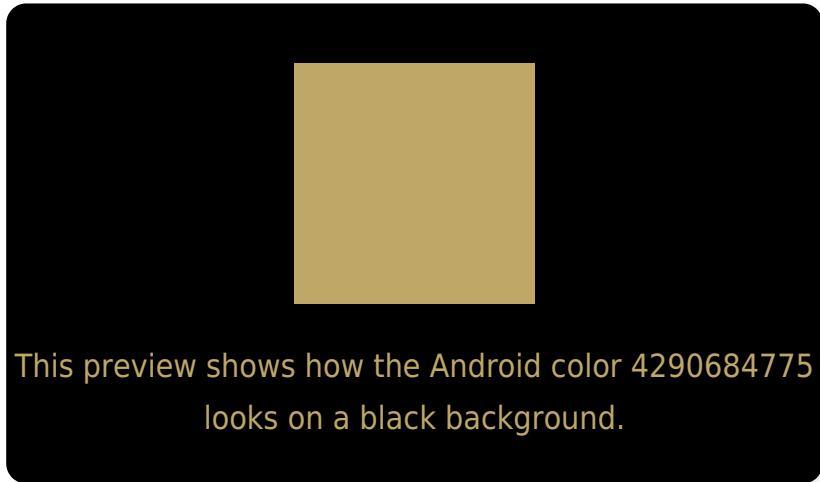
Large Text (above 18pt) WCAG AA × Fail

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 4290684775 Background



This preview shows how black text looks on a background with the Android color 4290684775.



This preview shows how white text looks on a background with the Android color 4290684775.

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
4290684775

Protanopia
4290292072

Deuteranopia
4291600744



Tritanopia
4291141547

Trichromacy



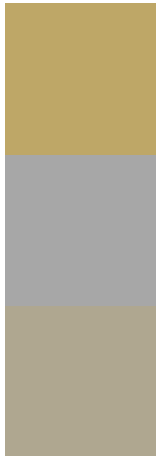
Original Color
4290684775

Protanomaly
4290422888

Deuteranomaly
4291273576

Tritanomaly
4290945682

Monochromacy



Original Color
4290684775

Achromatopsia
4289177511

Achromatomaly
4289701776

CSS Examples

Text

The CSS property to change the color of the text to Android 4290684775 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(190, 167, 103)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 103)  
}
```

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(190, 167, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 103) }
```

Border

The CSS property to change the border of an element to Android 4290684775 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(190, 167, 103) }
```

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

```
.border{ border-color:rgb(190, 167, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 103);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
103) }
```

Background

The CSS property to change the background color of an element to Android 4290684775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 103) }
```

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

```
.background{ background-color: rgb(190,  
167, 103) }
```

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