

Converting Colors

Android(4291064670)

Have a look what the booklet for
Android(4291064670) contains.

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Color

Android(4291064670)

Conversions

Conversions Part 1

Format	Color
Hex	C4735E
RGB	196, 115, 94
RGB Percent	77%, 45%, 37%
CMY	0.2314, 0.5490, 0.6314
CMYK	0.00, 0.41, 0.52, 0.23
HSL	12°, 46%, 57%
HSV	12°, 52%, 77%
XYZ	30.9161, 24.8054, 13.7481
YIQ	136.8250, 55.0170, 10.6410

Conversions

Conversions Part 2

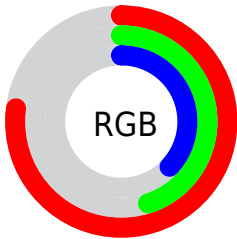
Format	Color
RYB	196, 120, 94
Decimal	12874590
CIELab	56.89, 29.70, 25.33
CIElCh	57, 39.035, 40.455
Yxy	24.8054, 0.4450, 0.3571
Android (android.graphics.Color)	4291064670 (0xFFC4735E)
YUV	136.8250, -21.1127, 51.8965
Hunter-Lab	49.8050, 23.6437, 18.4971

Details

The Android color `4291064670` is a dark color, and the websafe version is hex `CC6666`. The color can be described as middle muted orange. A complement of this color would be `4284395460`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4294944913`, and `4287316272` is the 20% darker color. If you saturate the color by 10%, you get `4291060554`, and if you desaturate by 10%, it is `4291068786`.

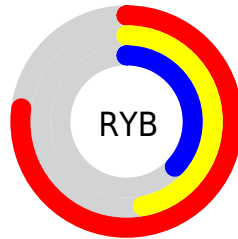
Distribution



Red (77%)

Green (45%)

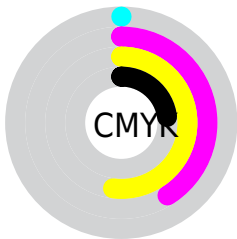
Blue (37%)



Red (77%)

Yellow (47%)

Blue (37%)

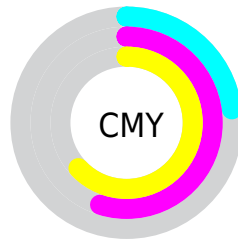


Cyan (0%)

Magenta (41%)

Yellow (52%)

Black (23%)



Cyan (23%)

Magenta (55%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291064670 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 4291064670 by changing the saturation by 10% instead.

 4291064670

 4291064670

4294967295

 4289157702

 4294944913

 4287316272

 4294951851

 4285475354

 4294959303

 4283699457

 4294966499

 4281925632

 4280156161

 4278190080

 4291064670

 4291064670

 4291060554

 4291068786


 4291056695

 4291072645

 4291052579

 4291076761

 4291048720


 4291080620

 4291045376

 4291084736

 4291088596

 4291092711

 4291096827

 4291100671

Harmonies

Analogous

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



4291390846



4291064670



4289757000

Triad

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



4291064670



4282292337



4284975307

Complementary

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



4291064670



4284395460

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.



4278293192



4291064670



4278229652

Square

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



4291064670



4285371219



4278229172



4288379836

Rectangle

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



4291064670



4288513859



4278229172



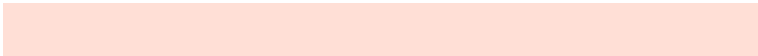
4283534540

Sweetspot

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



4291064670



4294959062



4291059376



4286606439



4278190080



4286611584

Same Dimension

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



4291064670



4294934881



4291077470



4284569943



4288749824



4280354560

Inverse Universe

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



4284395460



4284604159



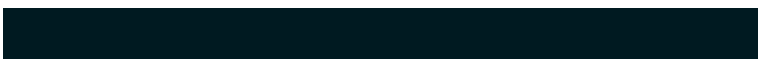
4284382660



4283916129



4278223009



4278196769

Previews

White Background



This preview shows how the Android color 4291064670 looks on a white background.

Color Contrast Check

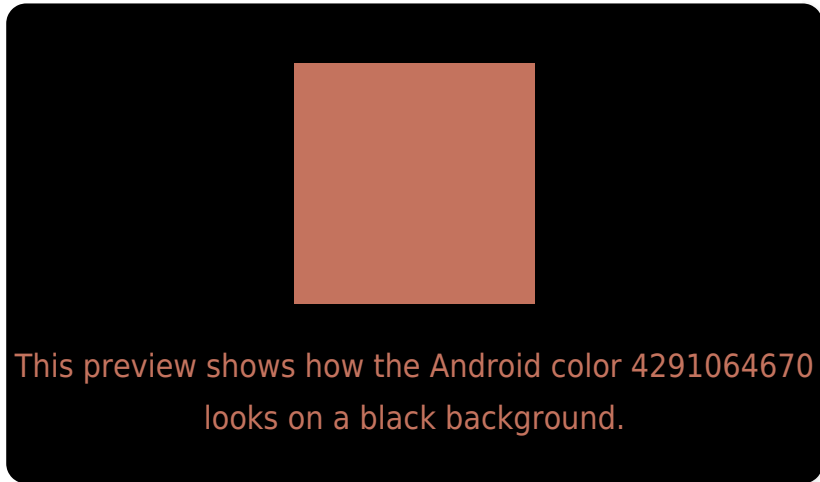
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291064670 Background



This preview shows how black text looks on a background with the Android color 4291064670.



This preview shows how white text looks on a background with the Android color 4291064670.

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
4291064670

Protanopia
4287859047

Deuteranopia
4288971611



Tritanopia
4291194744

Trichromacy



Original Color

4291064670

Protanomaly

4289036644

Deuteranomaly

4289756508

Tritanomaly

4291129455

Monochromacy



Original Color

4291064670

Achromatopsia

4287203721

Achromatomaly

4288577913

CSS Examples

Text

The CSS property to change the color of the text to Android 4291064670 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(196, 115, 94)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 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(196, 115, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 94) }
```

Border

The CSS property to change the border of an element to Android 4291064670 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(196, 115, 94) }
```

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

```
.border{ border-color:rgb(196, 115, 94) }
```

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

Here you see how a box with a 4 pixel rgb(196, 115, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 94);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4291064670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 94) }
```

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

```
.background{ background-color: rgb(196,  
115, 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](#).

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