

Converting Colors

Android(4291016964)

Have a look what the booklet for
Android(4291016964) contains.

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Color

Android(4291016964)

Conversions

Conversions Part 1

Format	Color
Hex	C3B904
RGB	195, 185, 4
RGB Percent	76%, 73%, 2%
CMY	0.2353, 0.2745, 0.9843
CMYK	0.00, 0.05, 0.98, 0.24
HSL	57°, 96%, 39%
HSV	57°, 98%, 76%
XYZ	39.8766, 46.3088, 6.9516
YIQ	167.3560, 64.0610, -54.1710

Conversions

Conversions Part 2

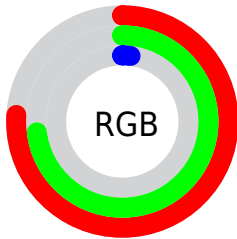
Format	Color
RYB	15, 195, 4
Decimal	12826884
CIELab	73.75, -12.53, 74.80
CIELCh	74, 75.840, 99.506
Yxy	46.3088, 0.4281, 0.4972
Android (android.graphics.Color)	4291016964 (0xFFC3B904)
YUV	167.3560, -80.5345, 24.2438
Hunter-Lab	68.0506, -14.4903, 41.5787

Details

The Android color `4291016964` is a dark color, and the websafe version is hex `CCCC33`. The color can be described as dark washed orange. A complement of this color would be `4278456003`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4294963538`, and `4287202304` is the 20% darker color. If you saturate the color by 10%, you get `4291016960`, and if you desaturate by 10%, it is `4291017239`.

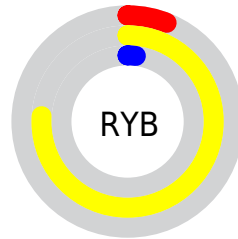
Distribution



Red (76%)

Green (73%)

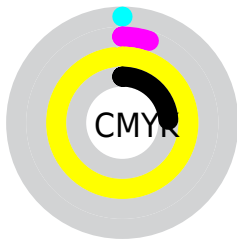
Blue (2%)



Red (6%)

Yellow (76%)

Blue (2%)

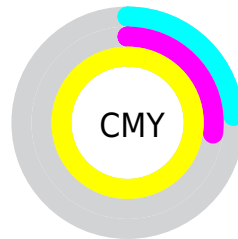


Cyan (0%)

Magenta (5%)

Yellow (98%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291016964 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 4291016964 by changing the saturation by 10% instead.



4291016964



4291016964

4294967295



4289109504



4294963538



4287202304



4294967151



4285360896



4294967179



4283519744



4294967208



4281744640



4294967237



4280100608



4294967266



4278195200



4278190080



4291016964



4291016964

■ 4291016960

■ 4291017239

■ 4291017515

■ 4291017790

■ 4291018066

■ 4291018341

■ 4291018617

■ 4291018892

■ 4291019168

■ 4291019443

Harmonies

Analogous

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



4294877222



4291016964



4286040639

Triad

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



4291016964



4278244607



4294933224

Complementary

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



4291016964



4278456003

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.



4292123135



4291016964



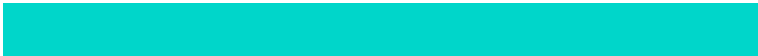
4278242047

Square

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



4291016964



4278245066



4281775871



4294930338

Rectangle

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



4291016964



4278308971



4281775871



4294935549

Sweetspot

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



4291016964



4294769075



4290970641



4286610771



4278190080



4286611584

Same Dimension

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



4291016964



4294766336



4285580036



4284571735



4288780288



4280360704

Inverse Universe

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



4278456003



4278193660



4283892931



4283914337



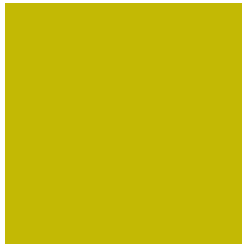
4278192289



4278190625

Previews

White Background



This preview shows how the Android color 4291016964 looks on a white background.

Color Contrast Check

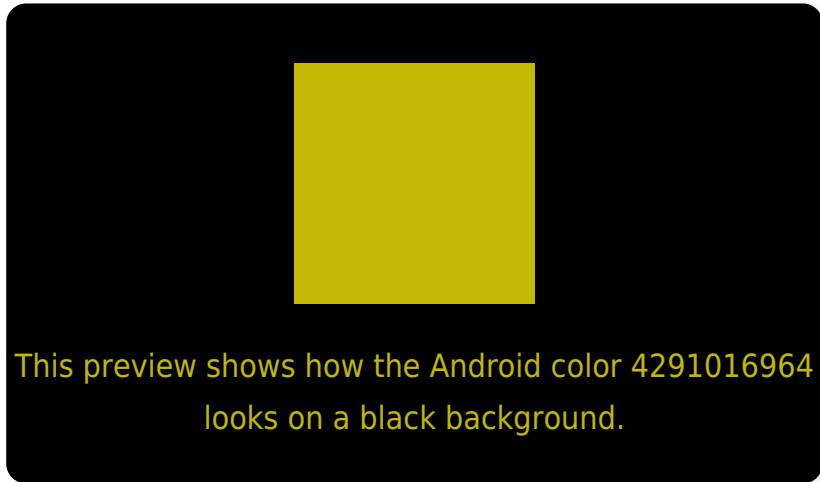
Large Text (above 18pt) WCAG AA × Fail

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 4291016964 Background



This preview shows how black text looks on a background with the Android color 4291016964.



This preview shows how white text looks on a background with the Android color 4291016964.

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
4291016964

Protanopia
4291606016

Deuteranopia
4293241882



Tritanopia
4291800249

Trichromacy



Original Color
4291016964

Protanomaly
4291409665

Deuteranomaly
4292456722

Tritanomaly
4291539319

Monochromacy



Original Color
4291016964

Achromatopsia
4289177511

Achromatomaly
4289834604

CSS Examples

Text

The CSS property to change the color of the text to Android 4291016964 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, 185, 4)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 4)  
}
```

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, 185, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 4) }
```

Border

The CSS property to change the border of an element to Android 4291016964 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, 185, 4) }
```

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

```
.border{ border-color:rgb(195, 185, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 4);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
4) }
```

Background

The CSS property to change the background color of an element to Android 4291016964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 4) }
```

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

```
.background{ background-color: rgb(195,  
185, 4) }
```

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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