

Converting Colors

Android(4291868160)

Have a look what the booklet for
Android(4291868160) contains.

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Color

Android(4291868160)

Conversions

Conversions Part 1

Format	Color
Hex	D0B600
RGB	208, 182, 0
RGB Percent	82%, 71%, 0%
CMY	0.1843, 0.2863, 1.0000
CMYK	0.00, 0.12, 1.00, 0.18
HSL	52°, 100%, 41%
HSV	52°, 100%, 82%
XYZ	42.7404, 46.8658, 6.7933
YIQ	169.0260, 73.9180, -51.0900

Conversions

Conversions Part 2

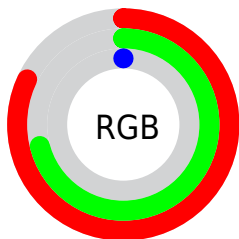
Format	Color
R _Y B	30, 208, 0
Decimal	13678080
CIE Lab	74.10, -5.32, 76.03
CIE LCh	74, 76.213, 94.000
Yxy	46.8658, 0.4434, 0.4862
Android (android.graphics.Color)	4291868160 (0xFFD0B600)
YUV	169.0260, -83.3298, 34.1802
Hunter-Lab	68.4586, -8.3606, 42.0375

Details

The Android color **4291868160** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **4278196944**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4294962769**, and **4287988224** is the 20% darker color. If you saturate the color by 10%, you get **4291868160**, and if you desaturate by 10%, it is **4291868949**.

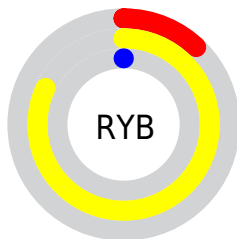
Distribution



Red (82%)

Green (71%)

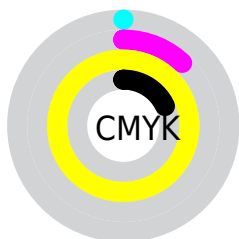
Blue (0%)



Red (12%)

Yellow (82%)

Blue (0%)

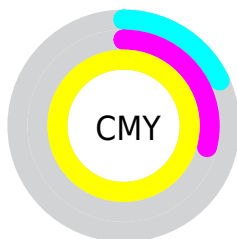


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (18%)



Cyan (18%)


















Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291868160 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 4291868160 by changing the saturation by 10% instead.

 4291868160	 4291868160
4294967295	 4289895168
 4294962769	 4287988224
 4294967149	 4286081280
 4294967178	 4284240128
 4294967207	 4282464768
 4294967235	 4280755456
 4294967265	 4278784256
4294967294	 4278190080
 4291868160	

 4291868949

 4291869482

 4291870270

 4291870803

 4291871592

 4291872381

 4291872914

 4291873702

 4291874235

Harmonies

Analogous

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



4294941489



4291868160



4287154228

Triad

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



4291868160



4278245119



4294934773

Complementary

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



4291868160



4278196944

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.



4291010559



4291868160



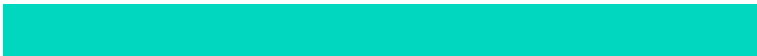
4278242815

Square

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



4291868160



4278245310



4278238207



4294930352

Rectangle

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



4291868160



4282241119



4278238207



4294806271

Sweetspot

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



4291868160



4294964659



4291821596



4286610002



4278190080



4286611584

Same Dimension

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



4291868160



4294958848



4286894080



4285097822



4289237760



4280886272

Inverse Universe

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



4278196944



4278198527



4283171024



4284374889



4278195624



4278191401

Previews

White Background



This preview shows how the Android color 4291868160 looks on a white background.

Color Contrast Check

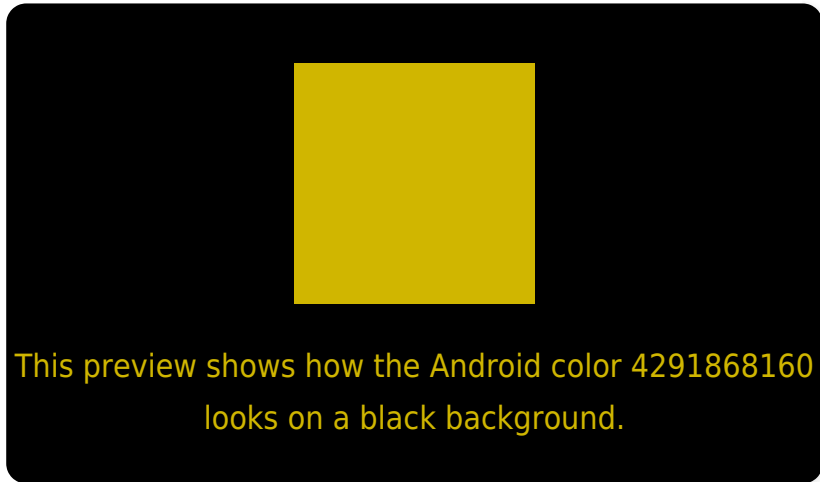
Large Text (above 18pt) WCAG AA × Fail

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 4291868160 Background



This preview shows how black text looks on a background with the Android color 4291868160.

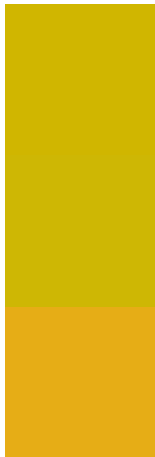


This preview shows how white text looks on a background with the Android color 4291868160.

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
4291868160

Protanopia
4291737348

Deuteranopia
4293307670



Tritanopia
4292520374

Trichromacy



Original Color
4291868160

Protanomaly
4291802883

Deuteranomaly
4292784142

Tritanomaly
4292259444

Monochromacy



Original Color
4291868160

Achromatopsia
4289309097

Achromatomaly
4290227820

CSS Examples

Text

The CSS property to change the color of the text to Android 4291868160 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(208, 182, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 0)  
}
```

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(208, 182, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 0) }
```

Border

The CSS property to change the border of an element to Android 4291868160 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(208, 182, 0) }
```

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

```
.border{ border-color:rgb(208, 182, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 0);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4291868160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 0) }
```

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

```
.background{ background-color: rgb(208,  
182, 0) }
```

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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