

Converting Colors

Android(4291607552)

Have a look what the booklet for
Android(4291607552) contains.

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Color

Android(4291607552)

Conversions

Conversions Part 1

Format	Color
Hex	CCBC00
RGB	204, 188, 0
RGB Percent	80%, 74%, 0%
CMY	0.2000, 0.2627, 1.0000
CMYK	0.00, 0.08, 1.00, 0.20
HSL	55°, 100%, 40%
HSV	55°, 100%, 80%
XYZ	42.8851, 48.8038, 7.1598
YIQ	171.3520, 69.8840, -55.0760

Conversions

Conversions Part 2

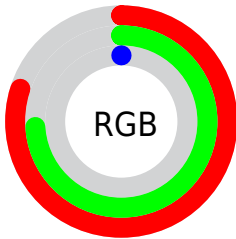
Format	Color
RYB	17, 204, 0
Decimal	13417472
CIELab	75.33, -10.17, 76.74
CIElCh	75, 77.409, 97.546
Yxy	48.8038, 0.4338, 0.4937
Android (android.graphics.Color)	4291607552 (0xFFCCBC00)
YUV	171.3520, -84.4765, 28.6323
Hunter-Lab	69.8597, -12.6780, 42.8253

Details

The Android color **4291607552** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **4278194380**, and the grayscale version is **4289506476**.

A 20% lighter version of the original color is **4294964306**, and **4287727360** is the 20% darker color. If you saturate the color by 10%, you get **4291607552**, and if you desaturate by 10%, it is **4291608084**.

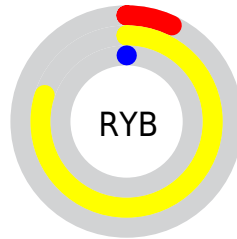
Distribution



Red (80%)

Green (74%)

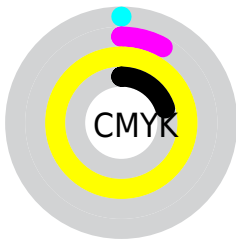
Blue (0%)



Red (7%)

Yellow (80%)

Blue (0%)

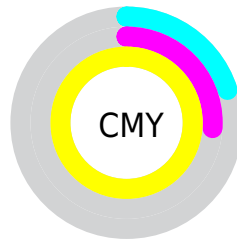


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291607552 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 4291607552 by changing the saturation by 10% instead.



4291607552



4291607552

4294967295



4289634560



4294964306



4287727360



4294967151



4285885952



4294967179



4283979264



4294967208



4282203904



4294967237



4280559872



4294967266



4278392320



4278190080




4291607552

 4291608084

 4291608361

 4291608893

 4291609170

 4291609702

 4291610234

 4291610511

 4291611043

 4291611320

Harmonies

Analogous

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



4294943275



4291607552



4286631484

Triad

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



4291607552



4278245887



4294934514

Complementary

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



4291607552



4278194380

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.



4292058879



4291607552



4278243583

Square

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



4291607552



4278246346



4278369535



4294930858

Rectangle

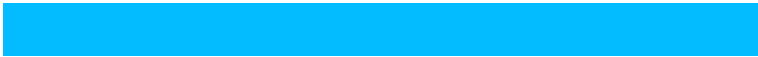
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291607552



4280472936



4278369535



4294936831

Sweetspot

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



4291607552



4294965683



4291559441



4286610514



4278190080



4286611584

Same Dimension

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



4291607552



4294961920



4286041088



4284900700



4289108224



4280689408

Inverse Universe

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



4278194380



4278195455



4283760844



4284243302



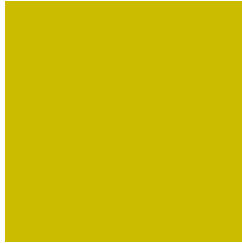
4278193574



4278190886

Previews

White Background



This preview shows how the Android color 4291607552 looks on a white background.

Color Contrast Check

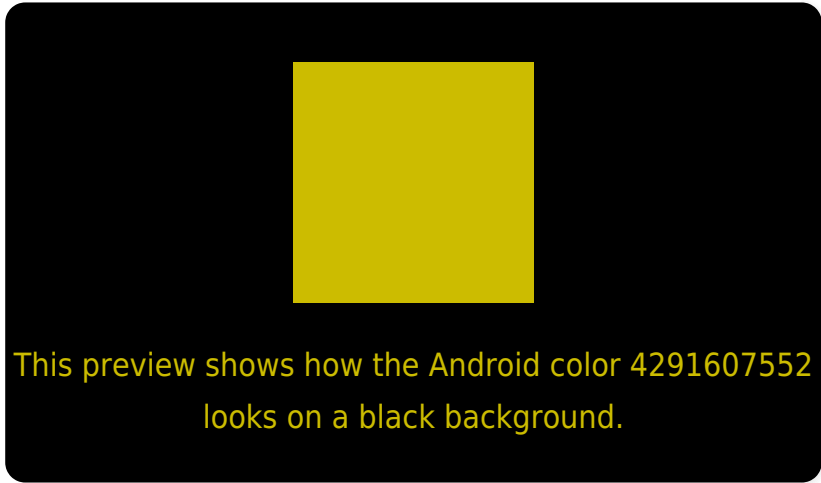
Large Text (above 18pt) WCAG AA × Fail

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 4291607552 Background



This preview shows how black text looks on a background with the Android color 4291607552.

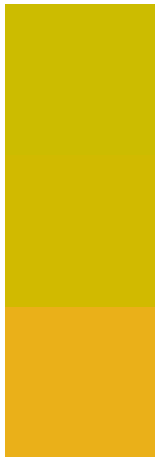


This preview shows how white text looks on a background with the Android color 4291607552.

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
4291607552

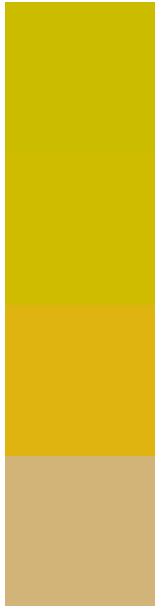
Protanopia
4291934720

Deuteranopia
4293570585



Tritanopia
4292325308

Trichromacy



Original Color
4291607552

Protanomaly
4291803904

Deuteranomaly
4292850704

Tritanomaly
4292064376

Monochromacy



Original Color
4291607552

Achromatopsia
4289440683

Achromatomaly
4290228589

CSS Examples

Text

The CSS property to change the color of the text to Android 4291607552 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(204, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 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(204, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 0) }
```

Border

The CSS property to change the border of an element to Android 4291607552 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(204, 188, 0) }
```

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

```
.border{ border-color:rgb(204, 188, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4291607552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 0) }
```

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

```
.background{ background-color: rgb(204,  
188, 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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