

# Converting Colors

Android(4290431750)

Have a look what the booklet for  
Android(4290431750) contains.

<b>Android(4290431750)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4290431750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BACB06
RGB	186, 203, 6
RGB Percent	73%, 80%, 2%
CMY	0.2706, 0.2039, 0.9765
CMYK	0.08, 0.00, 0.97, 0.20
HSL	65°, 94%, 41%
HSV	65°, 97%, 80%
XYZ	41.6385, 53.1641, 8.2394
YIQ	175.4590, 53.1050, -64.8710

# Conversions

## Conversions Part 2

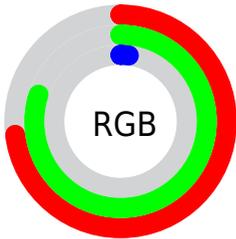
Format	Color
R <sub>Y</sub> B	6, 203, 23
Decimal	12241670
CIE Lab	77.97, -25.31, 77.43
CIE LCh	78, 81.457, 108.101
Yxy	53.1641, 0.4041, 0.5159
Android (android.graphics.Color)	4290431750 (0xFFBACB06)
YUV	175.4590, -83.5433, 9.2445
Hunter-Lab	72.9137, -25.6639, 44.3397

# Details

The Android color **4290431750** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4279699147**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4294377302**, and **4286616832** is the 20% darker color. If you saturate the color by 10%, you get **4290366208**, and if you desaturate by 10%, it is **4290562842**.

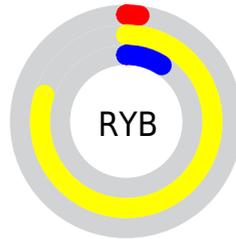
# Distribution



Red (73%)

Green (80%)

Blue (2%)



Red (2%)

Yellow (80%)

Blue (9%)

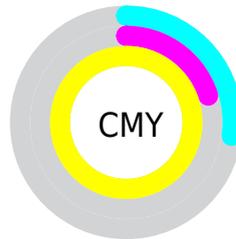


Cyan (8%)

Magenta (0%)

Yellow (97%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290431750 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 4290431750 by changing the saturation by 10% instead.



4290431750



4290431750

4294967295



4288524288



4294377302



4286616832



4294967155



4284775168



4294967184



4282933760



4294967213



4281092864



4294967242



4279251968



4294967271



4278198272



4278190080



4290431750



4290431750

■ 4290366208

■ 4290562842

■ 4290693935

■ 4290759491

■ 4290890583

■ 4291021676

■ 4291152768

■ 4291218324

■ 4291349416

■ 4291480509

# Harmonies

## Analogous

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



4294881804



4290431750



4284209748

# Triad

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



4290431750



4278247679



4294932962

# Complementary

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



4290431750



4279699147

# 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.



4294809599



4290431750



4278244095

# Square

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



4290431750



4278248686



4286626303



4294932374

# Rectangle

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



4290431750



4278247557



4286626303



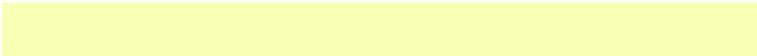
4294935035

# Sweetspot

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



4290431750



4294574005



4291499526



4286349395



4278190080



4286611584



# Same Dimension

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



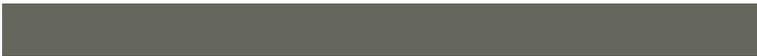
4290431750



4293525248



4284009222



4284835420



4288128512



4280493568



# Inverse Universe

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



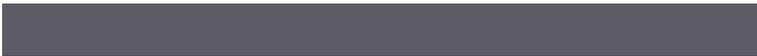
4279699147



4279632127



4286121675



4284308582



4279107750



4278386726



# Previews

## White Background



This preview shows how the Android color 4290431750 looks on a white background.

## Color Contrast Check

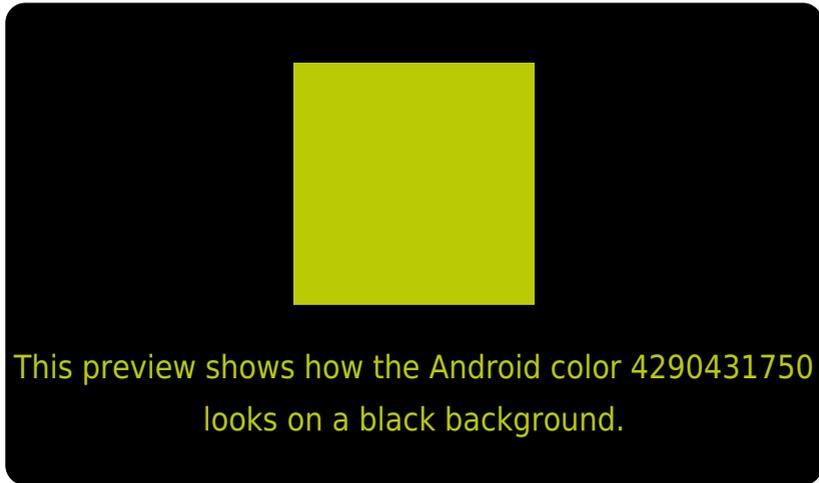
Large Text (above 18pt) WCAG AA × Fail

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

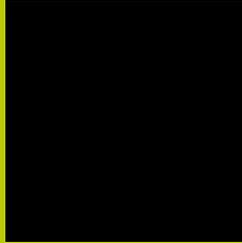
Any Text WCAG AA ✓ Pass

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 4290431750 Background



This preview shows how black text looks on a background with the Android color 4290431750.



This preview shows how white text looks on a background with the Android color 4290431750.

# 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





**Tritanopia**  
4291411404

# Trichromacy



**Original Color**  
4290431750

**Protanomaly**  
4291740930

**Deuteranomaly**  
4292787736

**Tritanomaly**  
4291084932

# Monochromacy



**Original Color**  
4290431750

**Achromatopsia**  
4289703855

**Achromatomaly**  
4289968498

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290431750 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(186, 203, 6)` looks like.

```
.text, #text, p{  
    color:rgb(186, 203, 6)  
}
```

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(186, 203, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 203, 6) }
```

## Border

The CSS property to change the border of an element to Android 4290431750 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(186, 203, 6) }
```

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

```
.border{ border-color:rgb(186, 203, 6) }
```

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

Here you see how a box with a 4 pixel rgb(186, 203, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 203, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 203, 6);  
box-shadow:4px 4px 4px 4px rgb(186, 203,  
6) }
```

# Background

The CSS property to change the background color of an element to Android 4290431750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 203, 6) }
```

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

```
.background{ background-color: rgb(186,  
203, 6) }
```

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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