

# Converting Colors

Android(4290950720)

Have a look what the booklet for  
Android(4290950720) contains.

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# **Color**

**Android(4290950720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2B640
RGB	194, 182, 64
RGB Percent	76%, 71%, 25%
CMY	0.2392, 0.2863, 0.7490
CMYK	0.00, 0.06, 0.67, 0.24
HSL	54°, 52%, 51%
HSV	54°, 67%, 76%
XYZ	39.9015, 45.2954, 11.4903
YIQ	172.1360, 45.0300, -34.1540

# Conversions

## Conversions Part 2

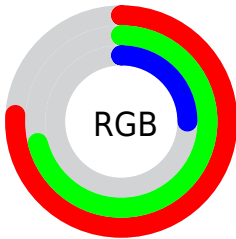
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 194, 64
Decimal	12760640
CIELab	73.09, -9.60, 59.08
CIELCh	73, 59.860, 99.233
Yxy	45.2954, 0.4127, 0.4685
Android (android.graphics.Color)	4290950720 (0xFFC2B640)
YUV	172.1360, -53.3110, 19.1747
Hunter-Lab	67.3019, -11.9503, 36.9888

# Details

The Android color **4290950720** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4282404034**, and the grayscale version is **4289572269**.

A 20% lighter version of the original color is **4294831734**, and **4287201536** is the 20% darker color. If you saturate the color by 10%, you get **4290950189**, and if you desaturate by 10%, it is **4290951251**.

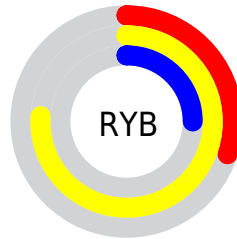
# Distribution



Red (76%)

Green (71%)

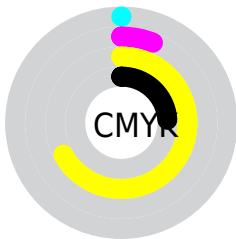
Blue (25%)



Red (30%)

Yellow (76%)

Blue (25%)

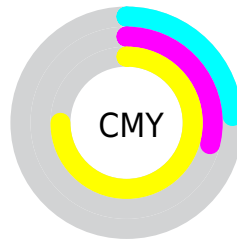


Cyan (0%)

Magenta (6%)

Yellow (67%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290950720 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 4290950720 by changing the saturation by 10% instead.





4290950720



4290950720

4294967295



4289043235



4294831734



4287201536



4294967185



4285360384



4294967213



4283650304



4294967241



4281874944



4294967270



4280231168



4278194432



4278190080



4290950720



4290950720

■ 4290950189

■ 4290951251

■ 4290949657

■ 4290951783

■ 4290949382

■ 4290952058

■ 4290949120

■ 4290952590

■ 4290953121

■ 4290953652

■ 4290954184

■ 4290954459

■ 4290954991

# Harmonies

## Analogous

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



4294026059



4290950720



4287087706

# Triad

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



4290950720



4278242551



4294937308

# Complementary

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



4290950720



4282404034

# 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.



4291665663



4290950720



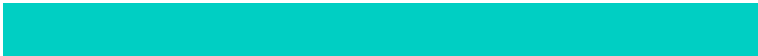
4278240511

# Square

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



4290950720



4278243267



4285379839



4294935461

# Rectangle

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



4290950720



4283615865



4285379839



4294283244



# Sweetspot

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



4290950720



4294768842



4290920525



4286610785



4278190080



4286611584



# Same Dimension

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



4290950720



4294765106



4287545920



4284571735



4288778752



4280360448



# Inverse Universe

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



4282404034



4281484796



4285808834



4283914337



4278194081



4278190881



# Previews

## White Background



This preview shows how the Android color 4290950720 looks on a white background.

## Color Contrast Check

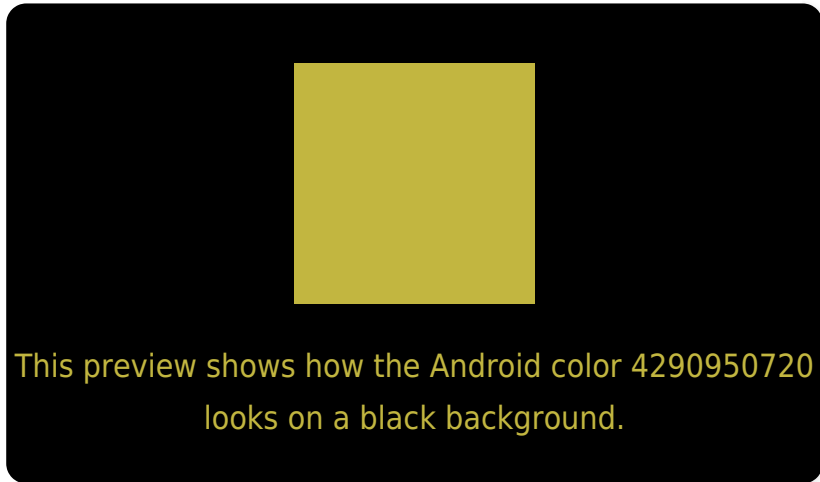
Large Text (above 18pt) WCAG AA × Fail

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 4290950720 Background



This preview shows how black text looks on a background with the Android color 4290950720.



This preview shows how white text looks on a background with the Android color 4290950720.

# 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**  
4290950720

**Protanopia**  
4291408959

**Deuteranopia**  
4292913732



**Tritanopia**  
4291603128

# Trichromacy



**Original Color**  
4290950720

**Protanomaly**  
4291212607

**Deuteranomaly**  
4292193859

**Tritanomaly**  
4291341964

# Monochromacy



**Original Color**  
4290950720

**Achromatopsia**  
4289506476

**Achromatomaly**  
4290031749

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290950720 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(194, 182, 64)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 64)  
}
```

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(194, 182, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 64) }
```

## Border

The CSS property to change the border of an element to Android 4290950720 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(194, 182, 64) }
```

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

```
.border{ border-color:rgb(194, 182, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 182, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 182, 64);  
box-shadow:4px 4px 4px 4px rgb(194, 182,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4290950720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 64) }
```

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

```
.background{ background-color: rgb(194,  
182, 64) }
```

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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