

# Converting Colors

Android(4289406720)

Have a look what the booklet for  
Android(4289406720) contains.

<b>Android(4289406720)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4289406720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB2700
RGB	171, 39, 0
RGB Percent	67%, 15%, 0%
CMY	0.3294, 0.8471, 1.0000
CMYK	0.00, 0.77, 1.00, 0.33
HSL	14°, 100%, 34%
HSV	14°, 100%, 67%
XYZ	17.5201, 10.1090, 1.0278
YIQ	74.0220, 91.1910, 15.8550

# Conversions

## Conversions Part 2

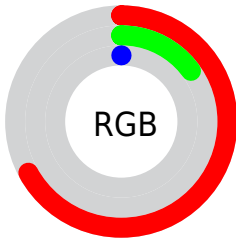
Format	Color
<a href="#">RYB</a>	<a href="#">171, 51, 0</a>
Decimal	<a href="#">11216640</a>
CIELab	<a href="#">38.04, 51.64, 50.90</a>
CIElCh	<a href="#">38, 72.507, 44.587</a>
Yxy	<a href="#">10.1090, 0.6114, 0.3528</a>
Android (android.graphics.Color)	<a href="#">4289406720</a> (0xFFAB2700)
YUV	<a href="#">74.0220, -36.4928, 85.0497</a>
Hunter-Lab	<a href="#">31.7946, 42.7201, 20.3396</a>

# Details

The Android color **4289406720** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4278224043**, and the grayscale version is **4283058762**.

A 20% lighter version of the original color is **4293549875**, and **4285333504** is the 20% darker color. If you saturate the color by 10%, you get **4289406720**, and if you desaturate by 10%, it is **4289410065**.

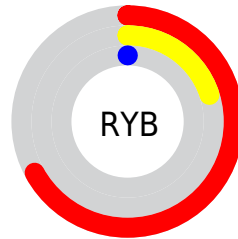
# Distribution



Red (67%)

Green (15%)

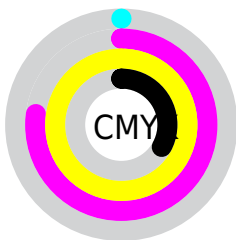
Blue (0%)



Red (67%)

Yellow (20%)

Blue (0%)

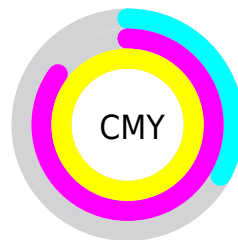


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289406720 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 4289406720 by changing the saturation by 10% instead.



 4289406720

 4289406720

 4294967277

 4287365120


 4293549875

 4285333504

 4294933068

 4283367424

 4294940261

 4281597954

 4294947455

 4278190080

 4294954649

 4294962100

 4294967248

 4289406720

 4289410065

 4289413410

 4289417011

 4289420356

 4289423701

 4289427047

 4289430392

 4289433993

 4289437338

# Harmonies

## Analogous

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



4290510912



4289406720



4286991360

# Triad

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



4289406720



4278218552



4278212813

# Complementary

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



4289406720



4278224043

# 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.



4278217165



4289406720



4278219126

# Square

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



4289406720



4278217472



4278218924



4286330798

# Rectangle

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



4289406720



4284897792



4278218924



4278214609



# Sweetspot

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



4289406720



4292782747



4289396870



4285550920



4293980400



4285558896



# Same Dimension

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



4289406720



4292752128



4289428224



4283912270



4288029184



4279698688



# Inverse Universe

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



4278224043



4278234078



4278202539



4283323735



4278219926



4278194711



# Previews

## White Background



This preview shows how the Android color 4289406720 looks on a white background.

## Color Contrast Check

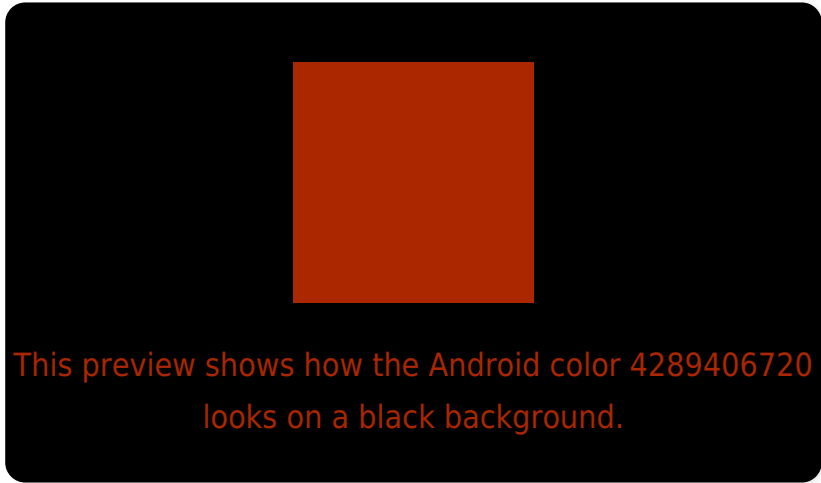
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4289406720 Background



This preview shows how black text looks on a background with the Android color 4289406720.



This preview shows how white text looks on a background with the Android color 4289406720.

# 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



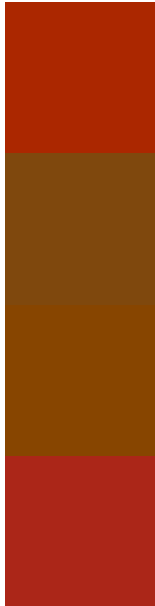
**Original Color**  
4289406720

**Protanopia**  
4284898068

**Deuteranopia**  
4285748736



# Trichromacy



**Original Color**  
4289406720

**Protanomaly**  
4286531597

**Deuteranomaly**  
4287055104

**Tritanomaly**  
4289406488

# Monochromacy



**Original Color**  
4289406720

**Achromatopsia**  
4283058762

**Achromatomaly**  
4285349167

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289406720 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(171, 39, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 39, 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(171, 39, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 39, 0) }
```

## Border

The CSS property to change the border of an element to Android 4289406720 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(171, 39, 0) }
```

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

```
.border{ border-color:rgb(171, 39, 0) }
```

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

Here you see how a box with a 4 pixel rgb(171, 39, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 39, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 39, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 39, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4289406720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 39, 0) }
```

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

```
.background{ background-color: rgb(171, 39,  
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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor