

# Converting Colors

Android(4290592003)

Have a look what the booklet for  
Android(4290592003) contains.

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**Color**

**Android(4290592003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD3D03
RGB	189, 61, 3
RGB Percent	74%, 24%, 1%
CMY	0.2588, 0.7608, 0.9882
CMYK	0.00, 0.68, 0.98, 0.26
HSL	19°, 97%, 38%
HSV	19°, 98%, 74%
XYZ	22.6714, 14.1629, 1.6249
YIQ	92.6600, 94.9060, 9.0980

# Conversions

## Conversions Part 2

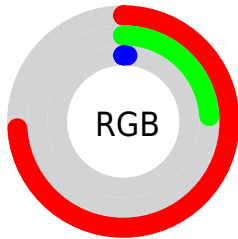
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 87, 3
Decimal	12401923
CIELab	44.47, 49.46, 55.01
CIELCh	44, 73.976, 48.042
Yxy	14.1629, 0.5895, 0.3683
Android (android.graphics.Color)	4290592003 (0xFFBD3D03)
YUV	92.6600, -44.2024, 84.4902
Hunter-Lab	37.6336, 41.6742, 23.7835

# Details

The Android color **4290592003** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **4278420413**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4294800186**, and **4286513152** is the 20% darker color. If you saturate the color by 10%, you get **4290591488**, and if you desaturate by 10%, it is **4290595350**.

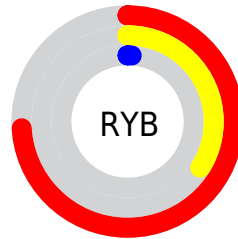
# Distribution



Red (74%)

Green (24%)

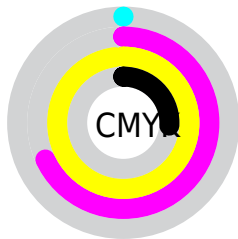
Blue (1%)



Red (74%)

Yellow (34%)

Blue (1%)

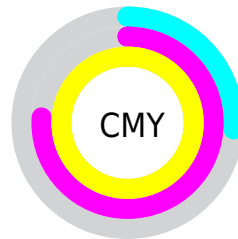


Cyan (0%)

Magenta (68%)

Yellow (98%)

Black (26%)



Cyan (26%)

Magenta (76%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290592003 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 4290592003 by changing the saturation by 10% instead.



 4290592003

 4290592003

 4294967287

 4288552960

 4294800186

 4286513152

 4294938195

 4284481536

 4294945389

 4282580992

 4294952583

 4280745985

 4294960034

 4278190080

 4294967230

 4294967258

 4290592003

 4290592003

■ 4290591488

■ 4290595350

■ 4290598697

■ 4290602044

■ 4290605391

■ 4290608738

■ 4290612084

■ 4290615431

■ 4290618778

■ 4290622125

# Harmonies

## Analogous

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



4291888455



4290592003



4287979008

# Triad

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



4290592003



4278223181



4278215904

# Complementary

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



4290592003



4278420413

# 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.



4278221027



4290592003



4278223758

# Square

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



4290592003



4278221824



4278223301



4288103101

# Rectangle

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



4290592003



4285688832



4278223301



4278217957



# Sweetspot

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



4290592003



4294296235



4290577285



4286209102



4294638330



4286216826



# Same Dimension

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



4290592003



4294265856



4290615299



4284373077



4288557312



4280224256



# Inverse Universe

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



4278420413



4278233333



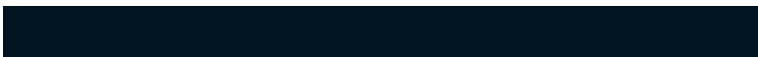
4278397117



4283784030



4278218142



4278195487



# Previews

## White Background



This preview shows how the Android color 4290592003 looks on a white background.

## Color Contrast Check

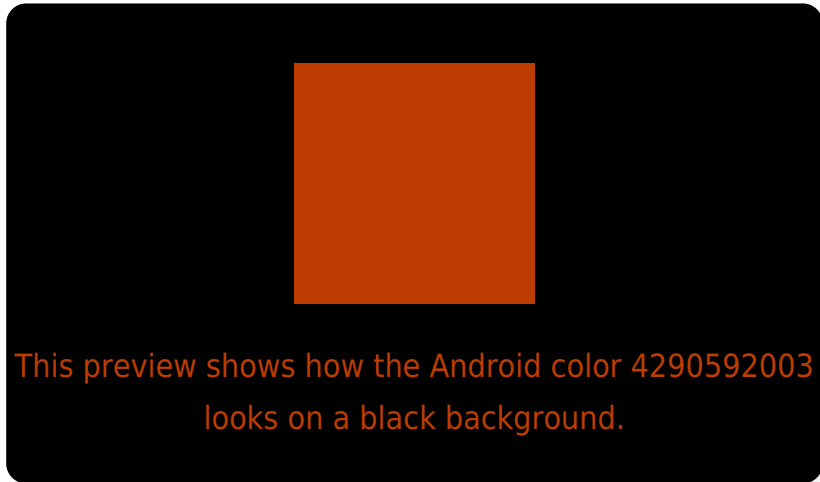
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290592003 Background



This preview shows how black text looks on a background with the Android color 4290592003.



This preview shows how white text looks on a background with the Android color 4290592003.

# 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



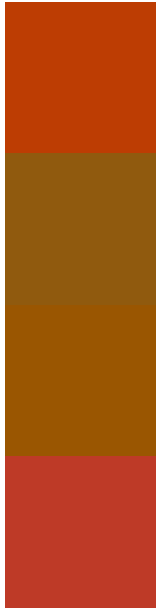
**Original Color**  
4290592003

**Protanopia**  
4286016020

**Deuteranopia**  
4286997760



# Trichromacy



**Original Color**  
4290592003

**Protanomaly**  
4287650318

**Deuteranomaly**  
4288304641

**Tritanomaly**  
4290656807

# Monochromacy



**Original Color**  
4290592003

**Achromatopsia**  
4284308829

**Achromatomaly**  
4286599484

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290592003 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(189, 61, 3)` looks like.

```
.text, #text, p{  
    color:rgb(189, 61, 3)  
}
```

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(189, 61, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 61, 3) }
```

## Border

The CSS property to change the border of an element to Android 4290592003 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(189, 61, 3) }
```

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

```
.border{ border-color:rgb(189, 61, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 61, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 61, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 61, 3);  
box-shadow:4px 4px 4px 4px rgb(189, 61, 3)  
}
```

# Background

The CSS property to change the background color of an element to Android 4290592003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 61, 3) }
```

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

```
.background{ background-color: rgb(189, 61,  
3) }
```

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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