

# Converting Colors

Android(4291580201)

Have a look what the booklet for  
Android(4291580201) contains.

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# Color

**Android(4291580201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5129
RGB	204, 81, 41
RGB Percent	80%, 32%, 16%
CMY	0.2000, 0.6824, 0.8392
CMYK	0.00, 0.60, 0.80, 0.20
HSL	15°, 67%, 48%
HSV	15°, 80%, 80%
XYZ	28.2445, 18.8823, 4.2538
YIQ	113.2170, 86.1480, 13.6360

# Conversions

## Conversions Part 2

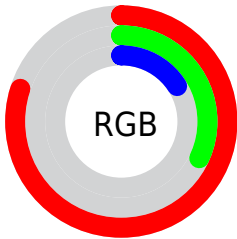
Format	Color
<a href="#">RYB</a>	<a href="#">204, 94, 41</a>
Decimal	<a href="#">13390121</a>
CIELab	<a href="#">50.55, 46.81, 46.88</a>
CIElCh	<a href="#">51, 66.245, 45.042</a>
Yxy	<a href="#">18.8823, 0.5497, 0.3675</a>
Android (android.graphics.Color)	<a href="#">4291580201 (0xFFCC5129)</a>
YUV	<a href="#">113.2170, -35.6030, 79.6167</a>
Hunter-Lab	<a href="#">43.4538, 39.9790, 24.6136</a>

# Details

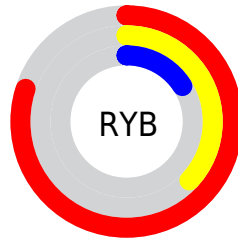
The Android color **4291580201** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **4280919244**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4294936153**, and **4287502592** is the 20% darker color. If you saturate the color by 10%, you get **4291576341**, and if you desaturate by 10%, it is **4291584061**.

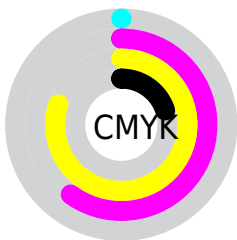
# Distribution



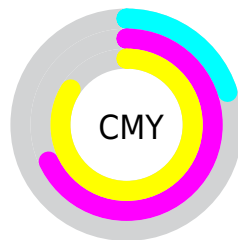
- Red (80%)
- Green (32%)
- Blue (16%)



- Red (80%)
- Yellow (37%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (80%)
- Black (20%)




- Cyan (20%)
- Magenta (68%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291580201 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 4291580201 by changing the saturation by 10% instead.



 4291580201

 4291580201

4294967295

 4289541649

 4294936153

 4287502592

 4294943347

 4285530112

 4294950541

 4283564032

 4294957736

 4281860098


 4294965187

 4279173120

 4294967263

 4278190080

 4294967292

 4291580201

 4291580201

■ 4291576341

■ 4291584061

■ 4291572224

■ 4291588178

■ 4291592038

■ 4291596155

■ 4291600015

■ 4291603875

■ 4291607992

■ 4291611852

■ 4291615969

# Harmonies

## Analogous

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



4292557151



4291580201



4289227520

# Triad

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



4291580201



4278227033



4280382950

# Complementary

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



4291580201



4280919244

# 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.



4278224870



4291580201



4278227604

# Square

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



4291580201



4281371165



4278226888



4288502729

# Rectangle

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



4291580201



4287199488



4278226888



4278222058



# Sweetspot

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



4291580201



4294955458



4291570086



4286604379



4278190080



4286611584



# Same Dimension

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



4291580201



4294919690



4291600681



4284898908



4289079552



4280682752

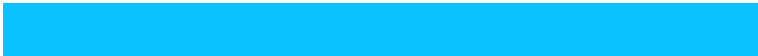


# Inverse Universe

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



4280919244



4278895615



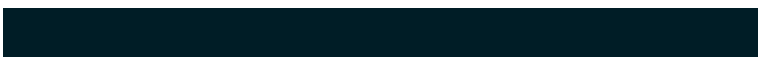
4280898764



4284244838



4278222246

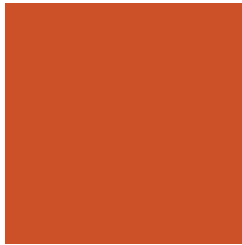


4278197542



# Previews

## White Background



This preview shows how the Android color 4291580201 looks on a white background.

## Color Contrast Check

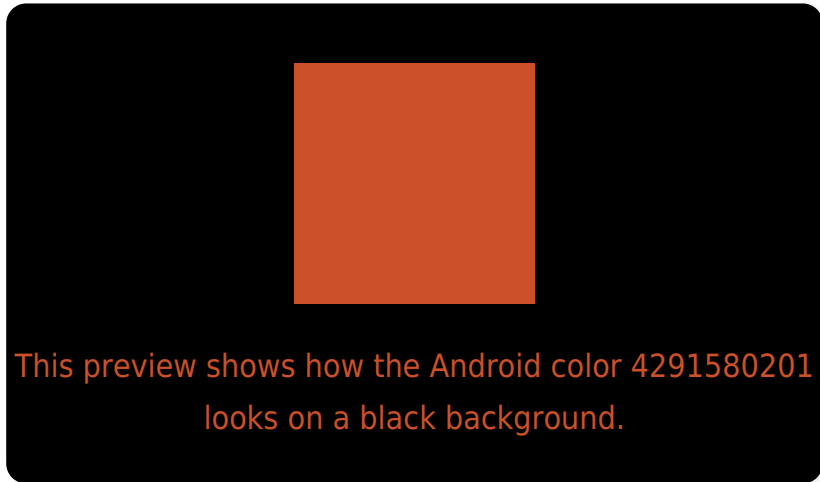
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 × Fail

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



# Android 4291580201 Background



This preview shows how black text looks on a background with the Android color 4291580201.



This preview shows how white text looks on a background with the Android color 4291580201.

# 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





# Trichromacy



**Original Color**  
4291580201

**Protanomaly**  
4288637488

**Deuteranomaly**  
4289423138

**Tritanomaly**  
4291644994

# Monochromacy



**Original Color**  
4291580201

**Achromatopsia**  
4285624689

**Achromatomaly**  
4287784279

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291580201 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, 81, 41)` looks like.

```
.text, #text, p{  
    color:rgb(204, 81, 41)  
}
```

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, 81, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 81, 41) }
```

## Border

The CSS property to change the border of an element to Android 4291580201 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, 81, 41) }
```

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

```
.border{ border-color:rgb(204, 81, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 81, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 81, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 81, 41);  
box-shadow:4px 4px 4px 4px rgb(204, 81,  
41) }
```

# Background

The CSS property to change the background color of an element to Android 4291580201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 81, 41) }
```

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

```
.background{ background-color: rgb(204, 81,  
41) }
```

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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