

# Converting Colors

Android(4291520580)

Have a look what the booklet for  
Android(4291520580) contains.

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# Color

**Android(4291520580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB6844
RGB	203, 104, 68
RGB Percent	80%, 41%, 27%
CMY	0.2039, 0.5922, 0.7333
CMYK	0.00, 0.49, 0.67, 0.20
HSL	16°, 56%, 53%
HSV	16°, 67%, 80%
XYZ	30.6223, 23.0145, 8.2971
YIQ	129.4970, 70.5600, 9.7920

# Conversions

## Conversions Part 2

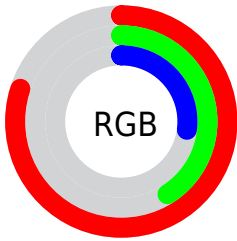
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 117, 68
Decimal	13330500
CIE <sub>Lab</sub>	55.09, 36.36, 37.77
CIE <sub>LCh</sub>	55, 52.429, 46.092
Yxy	23.0145, 0.4944, 0.3716
Android (android.graphics.Color)	4291520580 (0xFFCB6844)
YUV	129.4970, -30.3180, 64.4621
Hunter-Lab	47.9734, 29.9863, 23.3271

# Details

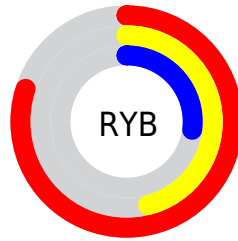
The Android color **4291520580** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4282689483**, and the grayscale version is **4286743170**.

A 20% lighter version of the original color is **4294942069**, and **4287575574** is the 20% darker color. If you saturate the color by 10%, you get **4291516720**, and if you desaturate by 10%, it is **4291524440**.

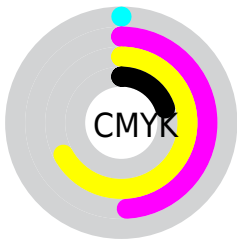
# Distribution



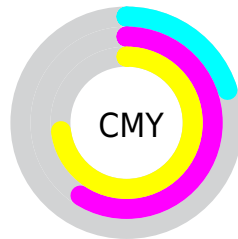
- Red (80%)
- Green (41%)
- Blue (27%)



- Red (80%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (20%)




- Cyan (20%)
- Magenta (59%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291520580 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 4291520580 by changing the saturation by 10% instead.



 4291520580

 4291520580

4294967295

 4289548077

 4294942069

 4287575574

 4294949007

 4285668352

 4294956202

 4283826176

 4294963653


 4281991168

 4294967266

 4280090625

4294967294

 4278190080

 4291520580

 4291520580

 4291516720

 4291524440

4291512859

4291528301

4291508999

4291532161

4291507712

4291536021

4291539626

4291543486

4291547346

4291551206

4291555067

# Harmonies

## Analogous

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



4292303725



4291520580



4289624614

# Triad

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



4291520580



4278229356



4284317915

# Complementary

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



4291520580



4282689483

# 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.



4278226908



4291520580



4278229660

# Square

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



4291520580



4283470657



4278228932



4289031619

# Rectangle

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



4291520580



4287857953



4278228932



4281566942

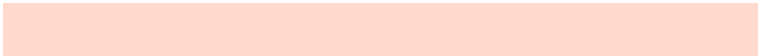


# Sweetspot

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



4291520580



4294957772



4291511463



4286605665



4278190080



4286611584



# Same Dimension

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



4291520580



4294928691



4291537988



4284899164



4289080320



4280683008



# Inverse Universe

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



4282689483



4281584127



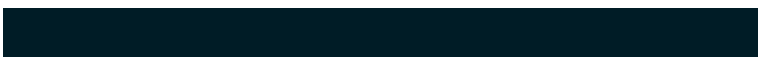
4282672331



4284244838



4278221478

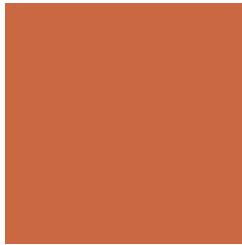


4278197286



# Previews

## White Background



This preview shows how the Android color 4291520580 looks on a white background.

## Color Contrast Check

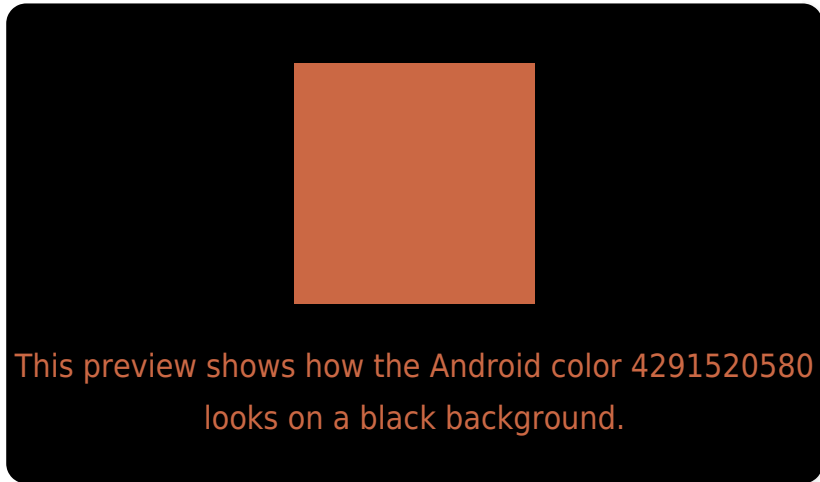
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291520580 Background



This preview shows how black text looks on a background with the Android color 4291520580.



This preview shows how white text looks on a background with the Android color 4291520580.

# 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**  
4291520580

**Protanopia**  
4287726670

**Deuteranopia**  
4288904767



# Trichromacy



**Original Color**  
4291520580

**Protanomaly**  
4289100362

**Deuteranomaly**  
4289885761

**Tritanomaly**  
4291585372

# Monochromacy



**Original Color**  
4291520580

**Achromatopsia**  
4286677377

**Achromatomaly**  
4288444523

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291520580 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(203, 104, 68)` looks like.

```
.text, #text, p{  
    color:rgb(203, 104, 68)  
}
```

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(203, 104, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 104, 68) }
```

## Border

The CSS property to change the border of an element to Android 4291520580 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(203, 104, 68) }
```

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

```
.border{ border-color:rgb(203, 104, 68) }
```

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

Here you see how a box with a 4 pixel rgb(203, 104, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 104, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 104, 68);  
box-shadow:4px 4px 4px 4px rgb(203, 104,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4291520580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 104, 68) }
```

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

```
.background{ background-color: rgb(203,  
104, 68) }
```

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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