

Converting Colors

Android(4290866228)

Have a look what the booklet for
Android(4290866228) contains.

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Color

Android(4290866228)

Conversions

Conversions Part 1

Format	Color
Hex	C16C34
RGB	193, 108, 52
RGB Percent	76%, 42%, 20%
CMY	0.2431, 0.5765, 0.7961
CMYK	0.00, 0.44, 0.73, 0.24
HSL	24°, 58%, 48%
HSV	24°, 73%, 76%
XYZ	27.9747, 22.3105, 6.0807
YIQ	127.0310, 68.6360, 0.6040

Conversions

Conversions Part 2

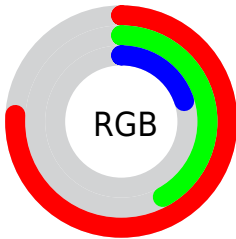
Format	Color
RYB	193, 145, 52
Decimal	12676148
CIELab	54.35, 29.34, 44.85
CIElCh	54, 53.597, 56.812
Yxy	22.3105, 0.4963, 0.3958
Android (android.graphics.Color)	4290866228 (0xFFC16C34)
YUV	127.0310, -36.9903, 57.8548
Hunter-Lab	47.2340, 23.0585, 25.4310

Details

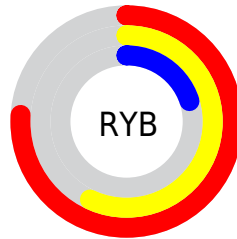
The Android color **4290866228** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4281633217**, and the grayscale version is **4286545791**.

A 20% lighter version of the original color is **4294877285**, and **4286987009** is the 20% darker color. If you saturate the color by 10%, you get **4290863137**, and if you desaturate by 10%, it is **4290869319**.

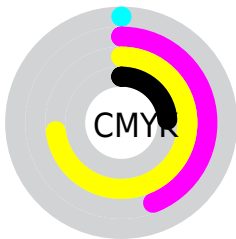
Distribution



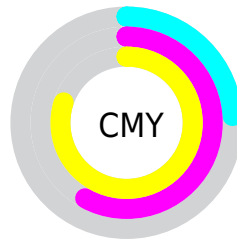
- Red (76%)
- Green (42%)
- Blue (20%)



- Red (76%)
- Yellow (57%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (73%)
- Black (24%)



- Cyan (24%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290866228 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 4290866228 by changing the saturation by 10% instead.

 4290866228

 4290866228

4294967295

 4288893724

 4294877285

 4286987009

 4294950015

 4285080320

 4294957210

 4283239168

 4294964405

 4281466880

 4294967249

 4279042048

 4294967277

 4278190080

 4290866228

 4290866228

 4290863137

 4290869319

 4290860301

 4290872155

 4290858240

 4290875246

 4290878337

 4290881172

 4290884264

 4290887099

 4290890190

 4290893282

Harmonies

Analogous

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



4292107099



4290866228



4288577052

Triad

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



4290866228



4278229115



4286216405

Complementary

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



4290866228



4281633217

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.



4278225375



4290866228



4278229162

Square

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



4290866228



4281373773



4278227919



4290077877

Rectangle

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



4290866228



4286679071



4278227919



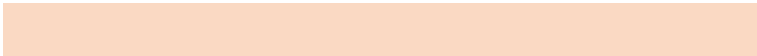
4284251867

Sweetspot

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



4290866228



4294629827



4290851979



4286409052



4294769916



4286414205

Same Dimension

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



4290866228



4294604062



4290883892



4284570455



4288757760



4280356096

Inverse Universe

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



4281633217



4280198138



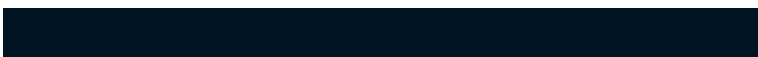
4281615553



4283915617



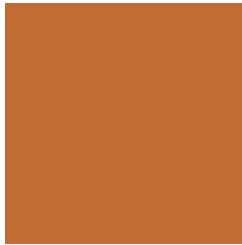
4278215073



4278195233

Previews

White Background



This preview shows how the Android color 4290866228 looks on a white background.

Color Contrast Check

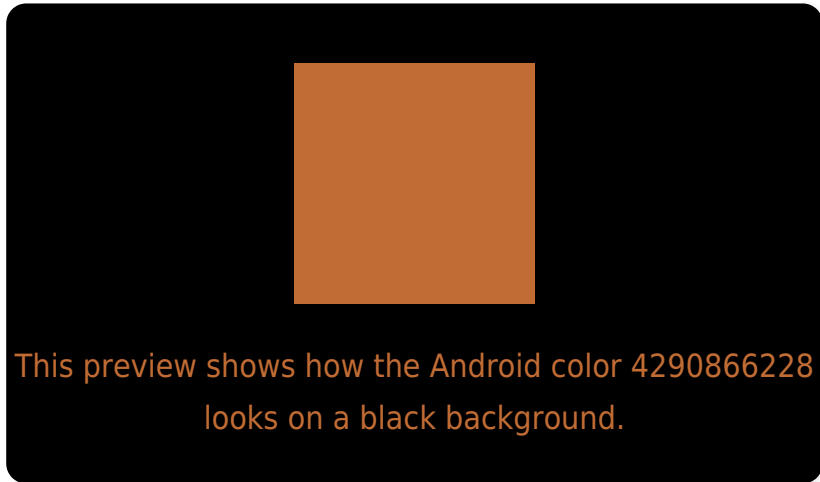
Large Text (above 18pt) WCAG AA ✓ Pass

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 4290866228 Background



This preview shows how black text looks on a background with the Android color 4290866228.



This preview shows how white text looks on a background with the Android color 4290866228.

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
4290866228

Protanopia
4287726395

Deuteranopia
4288904240

Trichromacy



Original Color
4290866228

Protanomaly
4288838456

Deuteranomaly
4289623601

Tritanomaly
4290996312

Monochromacy



Original Color
4290866228

Achromatopsia
4286545791

Achromatomaly
4288116836

CSS Examples

Text

The CSS property to change the color of the text to Android 4290866228 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(193, 108, 52)` looks like.

```
.text, #text, p{  
    color:rgb(193, 108, 52)  
}
```

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(193, 108, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 108, 52) }
```

Border

The CSS property to change the border of an element to Android 4290866228 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(193, 108, 52) }
```

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

```
.border{ border-color:rgb(193, 108, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 108, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 108, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 108, 52);  
box-shadow:4px 4px 4px 4px rgb(193, 108,  
52) }
```

Background

The CSS property to change the background color of an element to Android 4290866228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 108, 52) }
```

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

```
.background{ background-color: rgb(193,  
108, 52) }
```

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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