

Converting Colors

Android(4291450431)

Have a look what the booklet for
Android(4291450431) contains.

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Color

Android(4291450431)

Conversions

Conversions Part 1

Format	Color
Hex	CA563F
RGB	202, 86, 63
RGB Percent	79%, 34%, 25%
CMY	0.2078, 0.6627, 0.7529
CMYK	0.00, 0.57, 0.69, 0.21
HSL	10°, 57%, 52%
HSV	10°, 69%, 79%
XYZ	28.5821, 19.5710, 6.9738
YIQ	118.0620, 76.5190, 17.4390

Conversions

Conversions Part 2

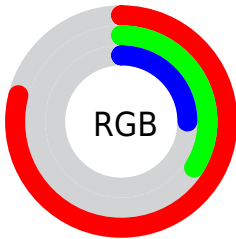
Format	Color
R_{YB}	202, 91, 63
Decimal	13260351
CIE _{Lab}	51.35, 44.69, 36.10
CIE _{LCh}	51, 57.445, 38.932
Yxy	19.5710, 0.5185, 0.3550
Android (android.graphics.Color)	4291450431 (0xFFCA563F)
YUV	118.0620, -27.1456, 73.6136
Hunter-Lab	44.2391, 37.9071, 21.6210

Details

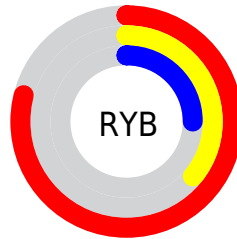
The Android color **4291450431** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **4282364874**, and the grayscale version is **4285953654**.

A 20% lighter version of the original color is **4294937456**, and **4287504402** is the 20% darker color. If you saturate the color by 10%, you get **4291446059**, and if you desaturate by 10%, it is **4291454803**.

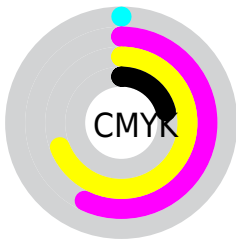
Distribution



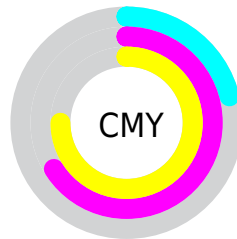
- Red (79%)
- Green (34%)
- Blue (25%)



- Red (79%)
- Yellow (36%)
- Blue (25%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (21%)



- Cyan (21%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291450431 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 4291450431 by changing the saturation by 10% instead.

 4291450431

 4291450431

4294967295

 4289477672

 4294937456

 4287504402

 4294944649

 4285530112

 4294951844

 4283629568

 4294959039

 4281860097

 4294966491

 4279369728

 4294967287

 4278190080

 4291450431

 4291450431

 4291446059

 4291454803

 4291441687

 4291459175

 4291437314

 4291463548

 4291436800

 4291467664

 4291472036

 4291476408

 4291480780

 4291485153

 4291489525

Harmonies

Analogous

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



4291971438



4291450431



4289620758

Triad

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



4291450431



4278226773



4279729116

Complementary

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



4291450431



4282364874

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.



4278225366



4291450431



4278227336

Square

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



4291450431



4283402278



4278227127



4287588295

Rectangle

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



4291450431



4287919872



4278227127



4278223325

Sweetspot

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



4291450431



4294955721



4291444661



4286604640



4278190080



4286611584

Same Dimension

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



4291450431



4294921771



4291467583



4284898652



4289075968



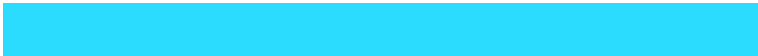
4280681984

Inverse Universe

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



4282364874



4281064703



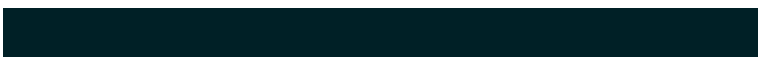
4282347722



4284245094



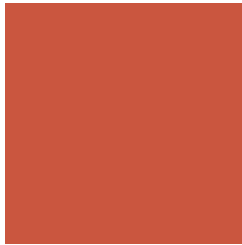
4278225574



4278198310

Previews

White Background



This preview shows how the Android color 4291450431 looks on a white background.

Color Contrast Check

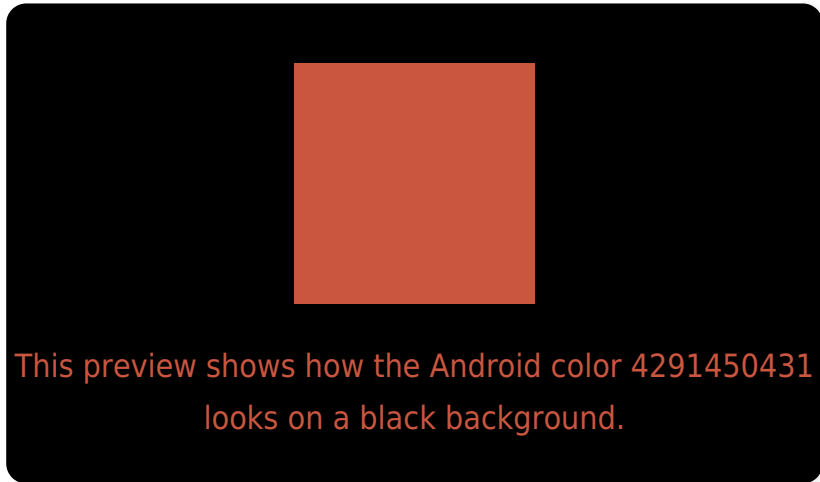
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291450431 Background



This preview shows how black text looks on a background with the Android color 4291450431.



This preview shows how white text looks on a background with the Android color 4291450431.

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
4291450431

Protanopia
4287003468

Deuteranopia
4288181561

Trichromacy



Original Color
4291450431

Protanomaly
4288638535

Deuteranomaly
4289358395

Tritanomaly
4291515471

Monochromacy



Original Color
4291450431

Achromatopsia
4285953654

Achromatomaly
4287982178

CSS Examples

Text

The CSS property to change the color of the text to Android 4291450431 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(202, 86, 63)` looks like.

```
.text, #text, p{  
    color:rgb(202, 86, 63)  
}
```

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(202, 86, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 86, 63) }
```

Border

The CSS property to change the border of an element to Android 4291450431 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(202, 86, 63) }
```

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

```
.border{ border-color:rgb(202, 86, 63) }
```

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

Here you see how a box with a 4 pixel rgb(202, 86, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 86, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 86, 63);  
box-shadow:4px 4px 4px 4px rgb(202, 86,  
63) }
```

Background

The CSS property to change the background color of an element to Android 4291450431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 86, 63) }
```

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

```
.background{ background-color: rgb(202, 86,  
63) }
```

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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