Converting Colors

Android(4291712834)

Have a look what the booklet for Android(4291712834) contains.

Color

Android(4291712834)

Conversions

Conversions Part 1

Format	Color
Hex	CE5742
RGB	206, 87, 66
RGB Percent	81%, 34%, 26%
CMY	0.1922, 0.6588, 0.7412
CMYK	0.00, 0.58, 0.68, 0.19
HSL	9°, 59%, 53%
HSV	9°, 68%, 81%
XYZ	29.8452, 20.3315, 7.5056
YIQ	120.1870, 77.6650, 18.6970

Conversions

Conversions Part 2

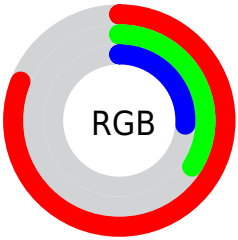
Format	Color
RYB	206, 91, 66
Decimal	13522754
CIELab	52.21, 45.84, 35.60
CIELCh	52, 58.037, 37.834
Yxy	20.3315, 0.5174, 0.3525
Android (android.graphics.Color)	4291712834 (0xFFCE5742)
YUV	120.1870, -26.7142, 75.2580
Hunter-Lab	45.0905, 39.2397, 21.6941

Details

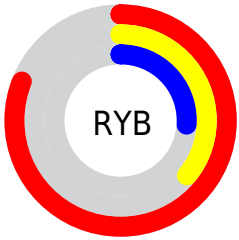
The Android color 4291712834 is a dark color, and the websafe version is hex CC6633. The color can be described as dark muted red. A complement of this color would be 4282563022, and the grayscale version is 4286085240.

A 20% lighter version of the original color is 4294937715, and 4287701269 is the 20% darker color. If you saturate the color by 10%, you get 4291708205, and if you desaturate by 10%, it is 4291717463.

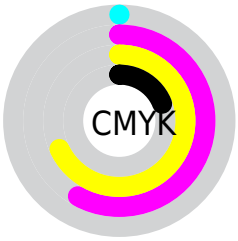
Distribution



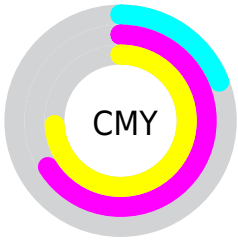
- Red (81%)
- Green (34%)
- Blue (26%)



- Red (81%)
- Yellow (36%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (19%)



- Cyan (19%)
- Magenta (66%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291712834 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 4291712834 by changing the saturation by 10% instead.

4291712834

4294967295

4294937715

4294944908

4294952103

4294959554

4294967006

4294967291

4291712834

4289674539

4287701269

4285792256

4283826176

4282056705

4279828481

4278190080

4291712834

4291708205

4291712834

4291717463

4291703833

4291699204

4291698432

4291721835

4291726464

4291730836

4291735465

4291739838

4291744466

4291748839

4291753467

Harmonies

Analogous

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

4292168306

4291712834

4289883160

Triad

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

4291712834

4278227285

4278484704

Complementary

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

4291712834

4282563022

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.

4278226137

4291712834

4278228105

Square

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

4291712834

4283665190

4278227641

4287588812

Rectangle

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

4291712834

4288182528

4278227641

4278224096

Sweetspot

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

4291712834

4294956236

4291707577

4286604641

4278190080

4286611584

Same Dimension

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

4291712834

4294921518

4291730754

4284898652

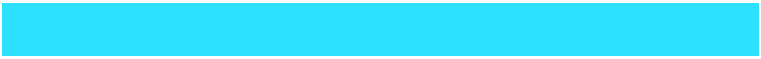
4289075456

4280681984

Inverse Universe

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

4282563022



4281262335

4282545102

4284245094

4278226342

4278198566

Previews

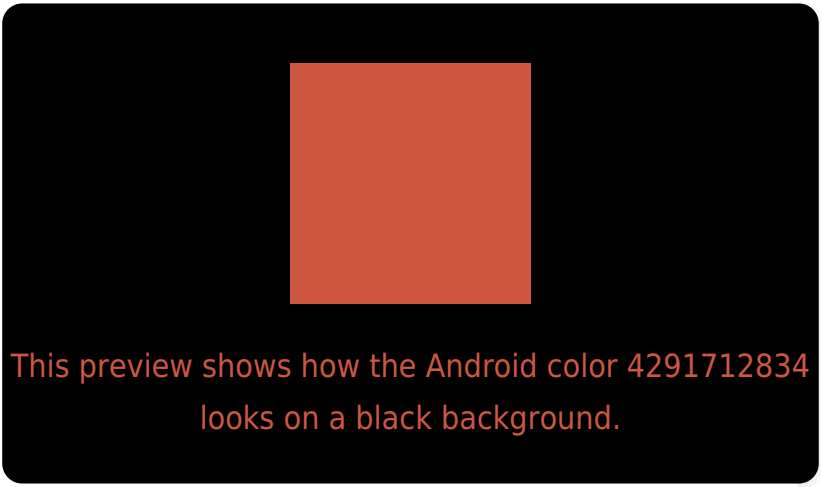
White Background

This preview shows how the Android color 4291712834 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

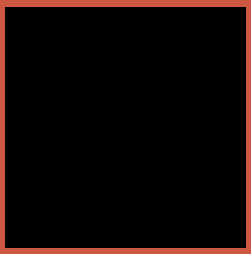


Color Contrast Check

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 4291712834 Background



This preview shows how black text looks on a background with the Android color 4291712834.

This preview shows how white text looks on a background with the Android color 4291712834.

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
4291712834

Protanopia
4287135056

Deuteranopia
4288313148

Tritanopia
4291777625

Trichromacy

Original Color
4291712834

Protanomaly
4288769867

Deuteranomaly
4289555262

Tritanomaly
4291777873

Monochromacy

Original Color
4291712834

Achromatopsia
4286085240

Achromatomaly
4288113764

CSS Examples

Text

The CSS property to change the color of the text to Android 4291712834 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(206, 87, 66) looks like.

```
.text, #text, p{
    color:rgb(206, 87, 66)
}
```

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(206, 87, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 87, 66) }
```

Border

The CSS property to change the border of an element to Android 4291712834 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(206, 87, 66) }
```

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

```
.border{ border-color:rgb(206, 87, 66) }
```

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

Here you see how a box with a 4 pixel rgb(206, 87, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 87, 66); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 87, 66); box-shadow:4px 4px 4px 4px rgb(206, 87, 66) }
```

Background

The CSS property to change the background color of an element to Android 4291712834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(206, 87, 66) }
```

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

```
.background{ background-color:rgb(206, 87,
66) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor