

Converting Colors

Android(4292170022)

Have a look what the booklet for
Android(4292170022) contains.

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Color

Android(4292170022)

Conversions

Conversions Part 1

Format	Color
Hex	D55126
RGB	213, 81, 38
RGB Percent	84%, 32%, 15%
CMY	0.1647, 0.6824, 0.8510
CMYK	0.00, 0.62, 0.82, 0.16
HSL	15°, 70%, 49%
HSV	15°, 82%, 84%
XYZ	30.7329, 20.1709, 4.1073
YIQ	115.5660, 92.4750, 14.6110

Conversions

Conversions Part 2

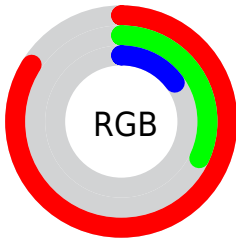
Format	Color
RYB	213, 95, 38
Decimal	13979942
CIELab	52.03, 49.95, 50.22
CIELCh	52, 70.829, 45.153
Yxy	20.1709, 0.5587, 0.3667
Android (android.graphics.Color)	4292170022 (0xFFD55126)
YUV	115.5660, -38.2400, 85.4496
Hunter-Lab	44.9121, 43.5496, 26.0163

Details

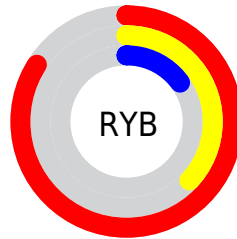
The Android color **4292170022** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4280724181**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4294936407**, and **4288091648** is the 20% darker color. If you saturate the color by 10%, you get **4292165905**, and if you desaturate by 10%, it is **4292174139**.

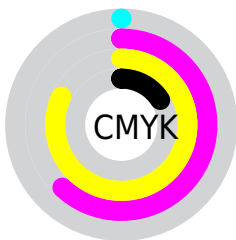
Distribution



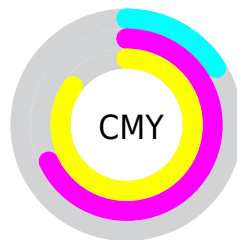
- Red (84%)
- Green (32%)
- Blue (15%)



- Red (84%)
- Yellow (37%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (82%)
- Black (16%)



- Cyan (16%)
- Magenta (68%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292170022 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 4292170022 by changing the saturation by 10% instead.



4292170022



4292170022

4294967295



4290131468



4294936407



4288091648



4294943600



4286054400



4294950794



4284022784



4294957989



4282253313



4294965697



4280090625



4294967261



4278190080



4294967290



4292170022



4292170022

 4292165905

 4292174139

 4292162560

 4292178257

 4292182374

 4292186491

 4292190609

 4292194726

 4292198843

 4292203216

 4292207334

Harmonies

Analogous

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



4293277024



4292170022



4289621504

Triad

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



4292170022



4278228315



4278680051

Complementary

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



4292170022



4280724181

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.



4278226162



4292170022



4278228890

Square

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



4292170022



4280979224



4278228434



4288961747

Rectangle

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



4292170022



4287462656



4278228434



4278223094

Sweetspot

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



4292170022



4294954943



4292159148



4286604121



4278190080



4286611584

Same Dimension

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



4292170022



4294918403



4292191782



4285227872



4289407488



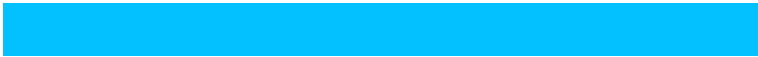
4281010944

Inverse Universe

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



4280724181



4278436351



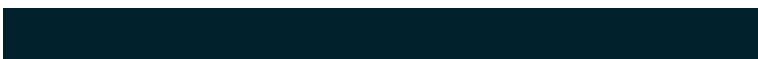
4280702421



4284508267



4278223275



4278198571

Previews

White Background



This preview shows how the Android color 4292170022 looks on a white background.

Color Contrast Check

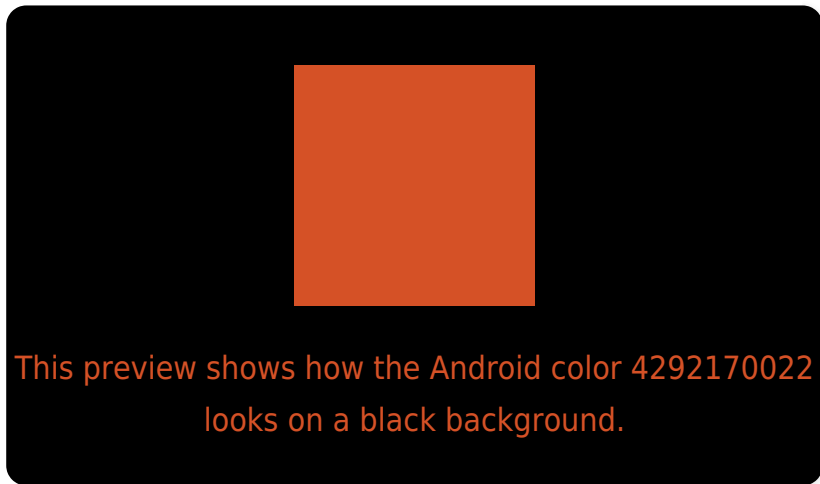
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292170022 Background



This preview shows how black text looks on a background with the Android color 4292170022.



This preview shows how white text looks on a background with the Android color 4292170022.

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

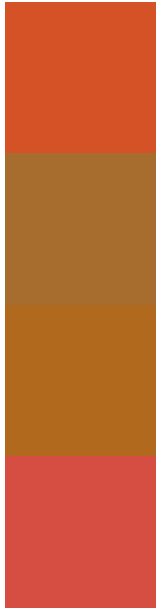


Original Color
4292170022

Protanopia
4287331634

Deuteranopia
4288509464

Trichromacy



Original Color
4292170022

Protanomaly
4289097006

Deuteranomaly
4289816861

Tritanomaly
4292234817

Monochromacy



Original Color
4292170022

Achromatopsia
4285822068

Achromatomaly
4288112472

CSS Examples

Text

The CSS property to change the color of the text to Android 4292170022 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(213, 81, 38)` looks like.

```
.text, #text, p{  
    color:rgb(213, 81, 38)  
}
```

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(213, 81, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 81, 38) }
```

Border

The CSS property to change the border of an element to Android 4292170022 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(213, 81, 38) }
```

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

```
.border{ border-color:rgb(213, 81, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 81, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 81, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 81, 38);  
box-shadow:4px 4px 4px 4px rgb(213, 81,  
38) }
```

Background

The CSS property to change the background color of an element to Android 4292170022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 81, 38) }
```

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

```
.background{ background-color: rgb(213, 81,  
38) }
```

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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