

Converting Colors

Android(4292228405)

Have a look what the booklet for
Android(4292228405) contains.

Android(4292228405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4292228405)

Conversions

Conversions Part 1

Format	Color
Hex	D63535
RGB	214, 53, 53
RGB Percent	84%, 21%, 21%
CMY	0.1608, 0.7922, 0.7922
CMYK	0.00, 0.75, 0.75, 0.16
HSL	0°, 66%, 52%
HSV	0°, 75%, 84%
XYZ	29.6473, 17.0994, 5.1061
YIQ	101.1390, 95.9560, 34.1320

Conversions

Conversions Part 2

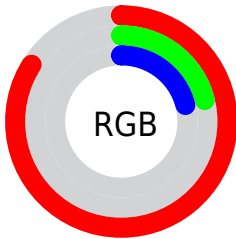
Format	Color
RYB	214, 53, 53
Decimal	14038325
CIELab	48.39, 61.57, 38.89
CIELCh	48, 72.823, 32.275
Yxy	17.0994, 0.5718, 0.3298
Android (android.graphics.Color)	4292228405 (0xFFD63535)
YUV	101.1390, -23.7325, 98.9791
Hunter-Lab	41.3514, 55.6122, 21.6248

Details

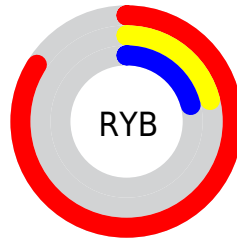
The Android color **4292228405** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4281718486**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294930532**, and **4288086025** is the 20% darker color. If you saturate the color by 10%, you get **4292223008**, and if you desaturate by 10%, it is **4292233802**.

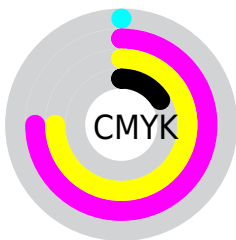
Distribution



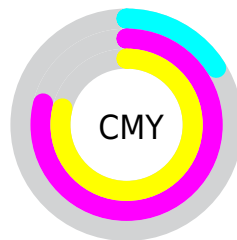
- Red (84%)
- Green (21%)
- Blue (21%)



- Red (84%)
- Yellow (21%)
- Blue (21%)



- Cyan (0%)
- Magenta (75%)
- Yellow (75%)
- Black (16%)



- Cyan (16%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292228405 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 4292228405 by changing the saturation by 10% instead.

 4292228405

 4292228405

4294967295

 4290120479

 4294930532

 4288086025

 4294937726

 4286054400

 4294945176

 4284022784

 4294952626

 4282187779

 4294960078

 4279762945

 4294967274

 4278190080

 4292228405

 4292228405

 4292223008

 4292233802

 4292217354

 4292239456

 4292214784

 4292244853

 4292250507

 4292255904

 4292261301

 4292266955

 4292272352

 4292278006

Harmonies

Analogous

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



4292549489



4292228405



4290205952

Triad

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



4292228405



4278225205



4278221552

Complementary

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



4292228405



4281718486

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.



4278225120



4292228405



4278226294

Square

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



4292228405



4282876160



4278226356



4285685980

Rectangle

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



4292228405



4288244480



4278226356



4278223086

Sweetspot

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



4292228405



4294952132



4292228566



4286602332



4278190080



4286611584

Same Dimension

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



4292228405



4294908185



4292249141



4285227104



4289396736



4281008128

Inverse Universe

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



4281718486



4279894015



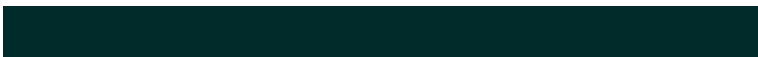
4281698006



4284509035



4278234027



4278201131

Previews

White Background



This preview shows how the Android color 4292228405 looks on a white background.

Color Contrast Check

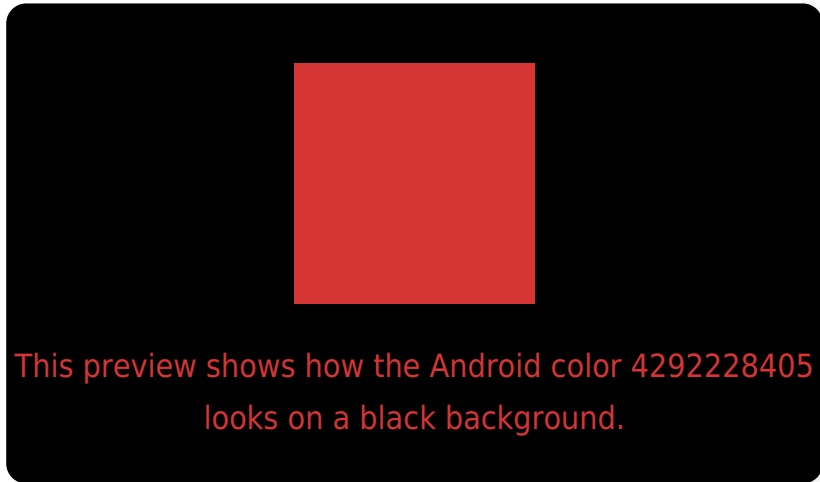
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4292228405 Background



This preview shows how black text looks on a background with the Android color 4292228405.



This preview shows how white text looks on a background with the Android color 4292228405.

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

4292228405

Protanopia

4286477385

Deuteranopia

4287655466

Trichromacy



Original Color
4292228405

Protanomaly
4288568642

Deuteranomaly
4289288494

Tritanomaly
4292228406

Monochromacy



Original Color
4292228405

Achromatopsia
4284835173

Achromatomaly
4287517780

CSS Examples

Text

The CSS property to change the color of the text to Android 4292228405 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(214, 53, 53)` looks like.

```
.text, #text, p{  
    color:rgb(214, 53, 53)  
}
```

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(214, 53, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 53, 53) }
```

Border

The CSS property to change the border of an element to Android 4292228405 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(214, 53, 53) }
```

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

```
.border{ border-color:rgb(214, 53, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 53, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 53, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 53, 53);  
box-shadow:4px 4px 4px 4px rgb(214, 53,  
53) }
```

Background

The CSS property to change the background color of an element to Android 4292228405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 53, 53) }
```

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

```
.background{ background-color: rgb(214, 53,  
53) }
```

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