

Converting Colors

Android(4291372101)

Have a look what the booklet for
Android(4291372101) contains.

Android(4291372101)	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(4291372101)

Conversions

Conversions Part 1

Format	Color
Hex	C92445
RGB	201, 36, 69
RGB Percent	79%, 14%, 27%
CMY	0.2118, 0.8588, 0.7294
CMYK	0.00, 0.82, 0.66, 0.21
HSL	348°, 70%, 46%
HSV	348°, 82%, 79%
XYZ	25.7924, 14.1089, 6.9941
YIQ	89.0970, 87.7470, 45.2430

Conversions

Conversions Part 2

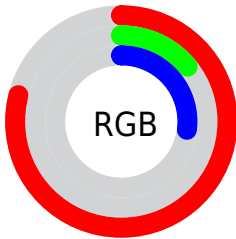
Format	Color
RYB	201, 36, 69
Decimal	13182021
CIELab	44.39, 63.41, 24.02
CIElCh	44, 67.810, 20.747
Yxy	14.1089, 0.5500, 0.3009
Android (android.graphics.Color)	4291372101 (0xFFC92445)
YUV	89.0970, -9.9078, 98.1389
Hunter-Lab	37.5619, 56.8366, 15.2534

Details

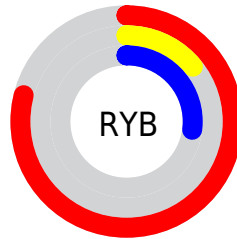
The Android color **4291372101** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **4280601000**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4294927221**, and **4287299611** is the 20% darker color. If you saturate the color by 10%, you get **4291366965**, and if you desaturate by 10%, it is **4291377237**.

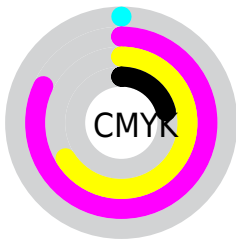
Distribution



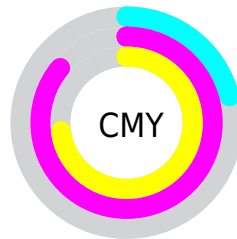
- Red (79%)
- Green (14%)
- Blue (27%)



- Red (79%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (82%)
- Yellow (66%)
- Black (21%)



- Cyan (21%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291372101 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 4291372101 by changing the saturation by 10% instead.



4291372101



4291372101

4294967295



4289331247



4294927221



4287299611



4294934670



4285333504



4294942121



4283367426



4294949316



4281401346



4294957024



4278190080



4294964477



4291372101



4291372101



4291366965



4291377237

■ 4291362856

■ 4291382373

■ 4291387509

■ 4291392645

■ 4291398037

■ 4291403173

■ 4291408310

■ 4291413446

■ 4291418582

Harmonies

Analogous

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



4290978173



4291372101



4290069769

Triad

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



4291372101



4278221846



4278220250

Complementary

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



4291372101



4280601000

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.



4278222784



4291372101



4278222933

Square

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



4291372101



4284183040



4278223248



4281426644

Rectangle

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



4291372101



4288501760



4278223248



4278221268

Sweetspot

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



4291372101



4294950860



4289209545



4286601569



4278190080



4286611584

Same Dimension

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



4291372101



4294902581



4291384868



4284701275



4288872481



4280549383

Inverse Universe

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



4291372101



4294902581



4280588233



4284701275



4288872481



4280549383

Previews

White Background



This preview shows how the Android color 4291372101 looks on a white background.

Color Contrast Check

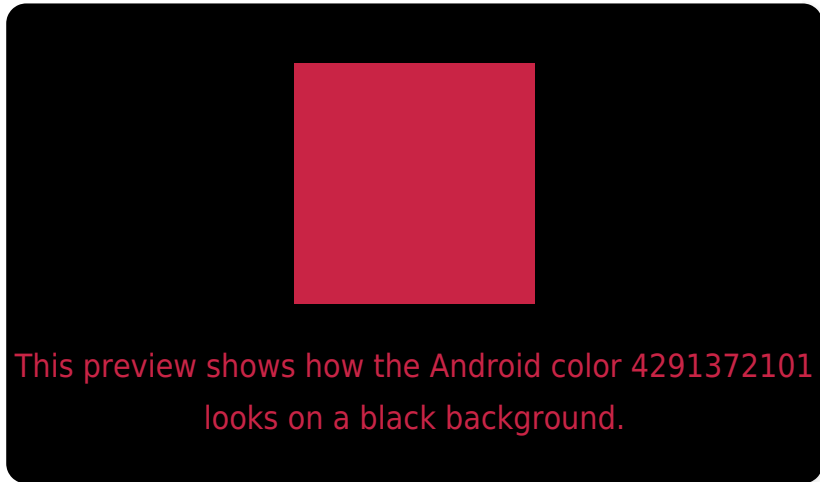
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291372101 Background



This preview shows how black text looks on a background with the Android color 4291372101.



This preview shows how white text looks on a background with the Android color 4291372101.

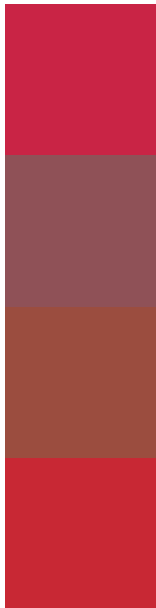
Color Blindness Simulation

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



Trichromacy



Original Color
4291372101

Protanomaly
4287582551

Deuteranomaly
4288367935

Tritanomaly
4291307572

Monochromacy



Original Color
4291372101

Achromatopsia
4284045657

Achromatomaly
4286727762

CSS Examples

Text

The CSS property to change the color of the text to Android 4291372101 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(201, 36, 69)` looks like.

```
.text, #text, p{  
    color:rgb(201, 36, 69)  
}
```

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(201, 36, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 36, 69) }
```

Border

The CSS property to change the border of an element to Android 4291372101 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(201, 36, 69) }
```

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

```
.border{ border-color:rgb(201, 36, 69) }
```

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

Here you see how a box with a 4 pixel rgb(201, 36, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 36, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 36, 69);  
box-shadow:4px 4px 4px 4px rgb(201, 36,  
69) }
```

Background

The CSS property to change the background color of an element to Android 4291372101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 36, 69) }
```

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

```
.background{ background-color: rgb(201, 36,  
69) }
```

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