Converting Colors

Android(4291563593)

Have a look what the booklet for Android(4291563593) contains.

Color

Android(4291563593)

Conversions

Format	Color
Hex	CC1049
RGB	204, 16, 73
RGB Percent	80%, 6%, 29%
CMY	0.2000, 0.9373, 0.7137
CMYK	0.00, 0.92, 0.64, 0.20
HSL	342°, 85%, 43%
HSV	342°, 92%, 80%
XYZ	26.2897, 13.6890, 7.5599
YIQ	78.7100, 93.7510, 57.5830

Conversions Part 1

Conversions

Conversions Part 2

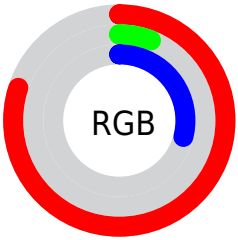
Format	Color
RYB	204, 16, 73
Decimal	13373513
CIELab	43.78, 68.09, 20.87
CIELCh	44, 71.216, 17.043
Yxy	13.6890, 0.5530, 0.2880
Android (android.graphics.Color)	4291563593 (0xFFCC1049)
YUV	78.7100, -2.8150, 109.8793
Hunter-Lab	36.9986, 62.0872, 13.7843

Details

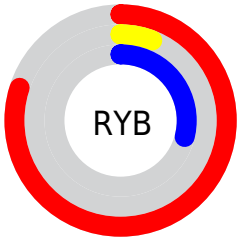
The Android color 4291563593 is a dark color, and the websafe version is hex CC0033. The color can be described as dark washed red. A complement of this color would be 4279291027, and the grayscale version is 4283387727.

A 20% lighter version of the original color is 4294925177, and 4287496222 is the 20% darker color. If you saturate the color by 10%, you get 4291559486, and if you desaturate by 10%, it is 4291568727.

Distribution

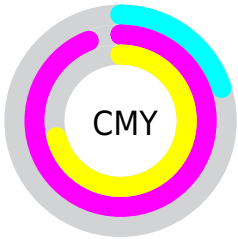


- Red (80%)
- Green (6%)
- Blue (29%)



- Red (80%)
- Yellow (6%)
- Blue (29%)

- Cyan (0%)
- Magenta (92%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (94%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291563593 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 4291563593 by changing the saturation by 10% instead.

4291563593

4294967295

4294925177

4294932627

4294940077

4294947785

4294955237

4294962943

4291563593

4289527859

4287496222

4285464582

4283498498

4281532418

4278190080

4291563593

4291559486

4291563593

4291568727

4291574117

4291579252

4291584642

4291589776

4291594910

4291600301

4291605435

4291610825

Harmonies

Analogous

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

4290910084

4291563593

4290395403

Triad

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

4291563593

4278221312

4278220508

Complementary

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

4291563593

4279291027

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.

4278222782

4291563593

4278222667

Square

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

4291563593

4284444416

4278222985

4278215642

Rectangle

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

4291563593

4288828160

4278222985

4278221525

Sweetspot

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

4291563593

4294949069

4287631564

4286600289

4278190080

4286611584

Same Dimension

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

4291563593

4294901837

4291572240

4284898399

4289069106

4280680460

Inverse Universe

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

4291563593

4294901837

4279282380

4284898399

4289069106

4280680460

Previews

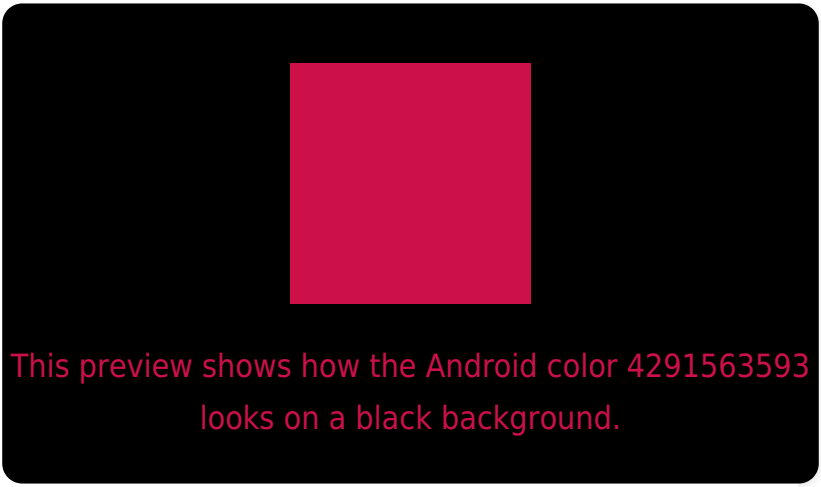
White Background

This preview shows how the Android color 4291563593 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

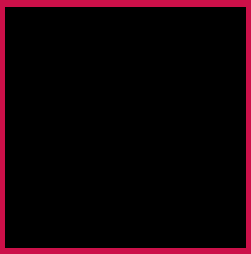


Color Contrast Check

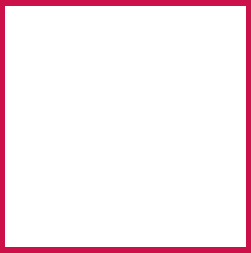
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4291563593 Background



This preview shows how black text looks on a background with the Android color 4291563593.



This preview shows how white text looks on a background with the Android color 4291563593.

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

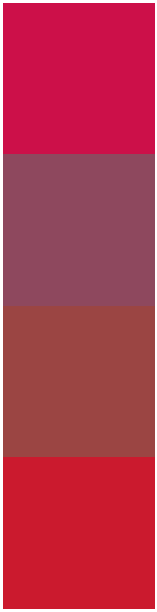
Original Color
4291563593

Protanopia
4285163626

Deuteranopia
4286538816

Tritanopia
4291502110

Trichromacy



Original Color
4291563593

Protanomaly
4287514718

Deuteranomaly
4288365891

Tritanomaly
4291500590

Monochromacy

Original Color
4291563593

Achromatopsia
4283387727

Achromatomaly
4286330957

CSS Examples

Text

The CSS property to change the color of the text to Android 4291563593 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(204, 16, 73) looks like.

```
.text, #text, p{
    color:rgb(204, 16, 73)
}
```

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(204, 16, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 16, 73) }
```

Border

The CSS property to change the border of an element to Android 4291563593 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(204, 16, 73) }
```

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

```
.border{ border-color:rgb(204, 16, 73) }
```

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

Here you see how a box with a 4 pixel rgb(204, 16, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 16, 73); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 16, 73); box-shadow:4px 4px 4px 4px rgb(204, 16, 73) }
```

Background

The CSS property to change the background color of an element to Android 4291563593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(204, 16, 73) }
```

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

```
.background{ background-color:rgb(204, 16,
73) }
```

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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