Converting Colors

Android(4291704919)

Have a look what the booklet for Android(4291704919) contains.

Color

Android(4291704919)

Conversions

Conversions Part 1

Format	Color
Hex	CE3857
RGB	206, 56, 87
RGB Percent	81%, 22%, 34%
CMY	0.1922, 0.7804, 0.6588
CMYK	0.00, 0.73, 0.58, 0.19
HSL	348°, 60%, 51%
HSV	348°, 73%, 81%
XYZ	28.5881, 16.6383, 10.7216
YIQ	104.3840, 79.4490, 41.4410

Conversions

Conversions Part 2

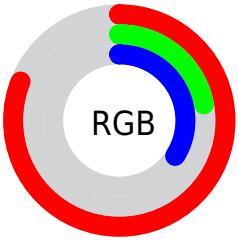
Format	Color
RYB	206, 56, 87
Decimal	13514839
CIELab	47.80, 60.00, 17.65
CIELCh	48, 62.542, 16.388
Yxy	16.6383, 0.5110, 0.2974
Android (android.graphics.Color)	4291704919 (0xFFCE3857)
YUV	104.3840, -8.5703, 89.1172
Hunter-Lab	40.7900, 53.7208, 12.9688

Details

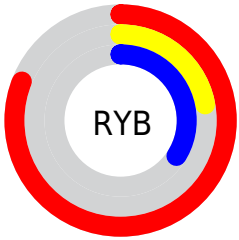
The Android color 4291704919 is a dark color, and the websafe version is hex CC3366. The color can be described as dark muted red. A complement of this color would be 4281913007, and the grayscale version is 4285032552.

A 20% lighter version of the original color is 4294931081, and 4287692842 is the 20% darker color. If you saturate the color by 10%, you get 4291699527, and if you desaturate by 10%, it is 4291710311.

Distribution

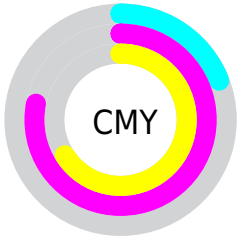


- Red (81%)
- Green (22%)
- Blue (34%)



- Red (81%)
- Yellow (22%)
- Blue (34%)

- Cyan (0%)
- Magenta (73%)
- Yellow (58%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291704919 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 4291704919 by changing the saturation by 10% instead.

4291704919

4294967295

4294931081

4294938275

4294945726

4294952921

4294960630

4291704919

4289663808

4287692842

4285726742

4283826176

4281991170

4279369728

4278190080

4291704919

4291699527

4291704919

4291710311

4291694390

4291690539

4291715448

4291720840

4291725976

4291731369

4291736761

4291741897

4291747290

4291752426

Harmonies

Analogous

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

4290984844

4291704919

4290727461

Triad

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

4291704919

4280975904

4278222552

Complementary

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

4291704919

4281913007

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.

4278224829

4291704919

4278224983

Square

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

4291704919

4285429760

4278225294

4281298648

Rectangle

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

4291704919

4289355520

4278225294

4278223570

Sweetspot

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

4291704919

4294952914

4289607886

4286602853

4278190080

4286611584

Same Dimension

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

4291704919

4294910287

4291715896

4284898398

4289069090

4280680456

Inverse Universe

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

4291704919

4294910287

4281902030

4284898398

4289069090

4280680456

Previews

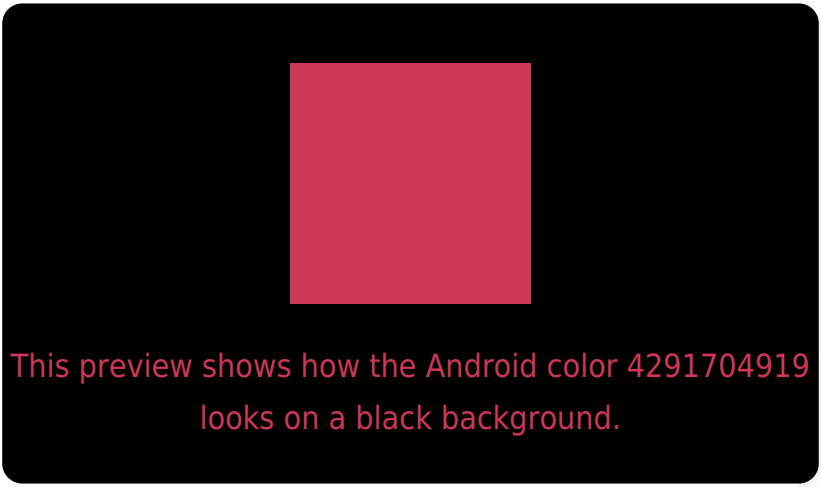
White Background

This preview shows how the Android color 4291704919 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

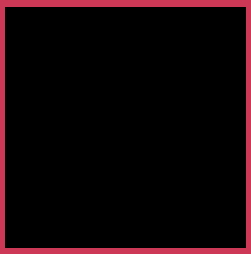


Color Contrast Check

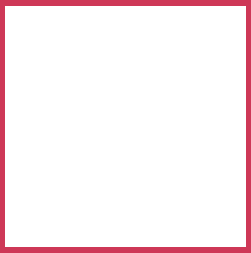
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

Android 4291704919 Background



This preview shows how black text looks on a background with the Android color 4291704919.



This preview shows how white text looks on a background with the Android color 4291704919.

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

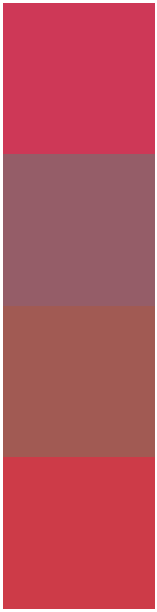
Original Color
4291704919

Protanopia
4285821554

Deuteranopia
4287130960

Tritanopia
4291640640

Trichromacy



Original Color
4291704919

Protanomaly
4287978856

Deuteranomaly
4288764499

Tritanomaly
4291640136

Monochromacy

Original Color
4291704919

Achromatopsia
4285032552

Achromatomaly
4287453026

CSS Examples

Text

The CSS property to change the color of the text to Android 4291704919 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, 56, 87) looks like.

```
.text, #text, p{
    color:rgb(206, 56, 87)
}
```

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, 56, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 56, 87) }
```

Border

The CSS property to change the border of an element to Android 4291704919 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, 56, 87) }
```

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

```
.border{ border-color:rgb(206, 56, 87) }
```

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

Here you see how a box with a 4 pixel rgb(206, 56, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 56, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 56, 87); box-shadow:4px 4px 4px 4px rgb(206, 56, 87) }
```

Background

The CSS property to change the background color of an element to Android 4291704919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(206, 56, 87) }
```

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

```
.background{ background-color:rgb(206, 56,
87) }
```

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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