

# Converting Colors

Android(4291569704)

Have a look what the booklet for  
Android(4291569704) contains.

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# Color

**Android(4291569704)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC2828
RGB	204, 40, 40
RGB Percent	80%, 16%, 16%
CMY	0.2000, 0.8431, 0.8431
CMYK	0.00, 0.80, 0.80, 0.20
HSL	0°, 67%, 48%
HSV	0°, 80%, 80%
XYZ	26.0436, 14.5082, 3.4352
YIQ	89.0360, 97.7440, 34.7680

# Conversions

## Conversions Part 2

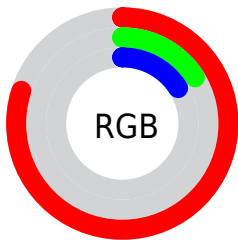
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 40, 40
Decimal	13379624
CIELab	44.95, 62.03, 41.89
CIElCh	45, 74.851, 34.036
Yxy	14.5082, 0.5921, 0.3298
Android (android.graphics.Color)	4291569704 (0xFFCC2828)
YUV	89.0360, -24.1747, 100.8234
Hunter-Lab	38.0896, 55.3921, 21.3155

# Details

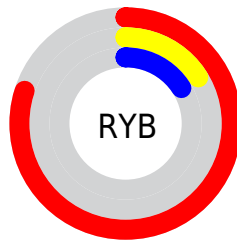
The Android color **4291569704** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4280863948**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4294927702**, and **4287430656** is the 20% darker color. If you saturate the color by 10%, you get **4291564564**, and if you desaturate by 10%, it is **4291574844**.

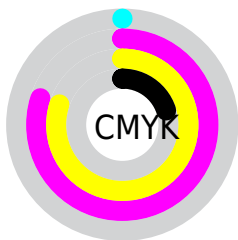
# Distribution



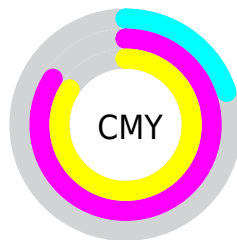
- Red (80%)
- Green (16%)
- Blue (16%)



- Red (80%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (20%)




- Cyan (20%)
- Magenta (84%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291569704 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 4291569704 by changing the saturation by 10% instead.



 4291569704

 4291569704

4294967295

 4289462290

 4294927702

 4287430656

 4294935151

 4285399040

 4294942345

 4283367425

 4294949795


 4281466882


 4294957247

 4278190080


 4294964955

 4294967287

 4291569704

 4291569704

 4291564564

 4291574844

 4291559424

 4291580241

 4291585381

 4291590778

 4291595918

 4291601058

 4291606455

 4291611595

 4291616992

# Harmonies

## Analogous

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



4292083813



4291569704



4289417472

# Triad

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



4291569704



4278223151



4278218985

# Complementary

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



4291569704



4280863948

# 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.



4278222812



4291569704



4278223985

# Square

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



4291569704



4281760256



4278224047



4285421011

# Rectangle

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



4291569704



4287390720



4278224047



4278220520



# Sweetspot

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



4291569704



4294951618



4291569868



4286602075



4278190080



4286611584



# Same Dimension

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



4291569704



4294904330



4291590696



4284898396



4289069056



4280680448



# Inverse Universe

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



4280863948



4278910975



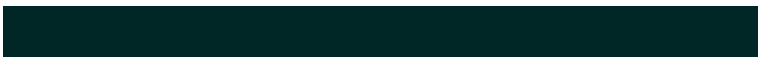
4280842956



4284245606



4278232742



4278199846



# Previews

## White Background



This preview shows how the Android color 4291569704 looks on a white background.

## Color Contrast Check

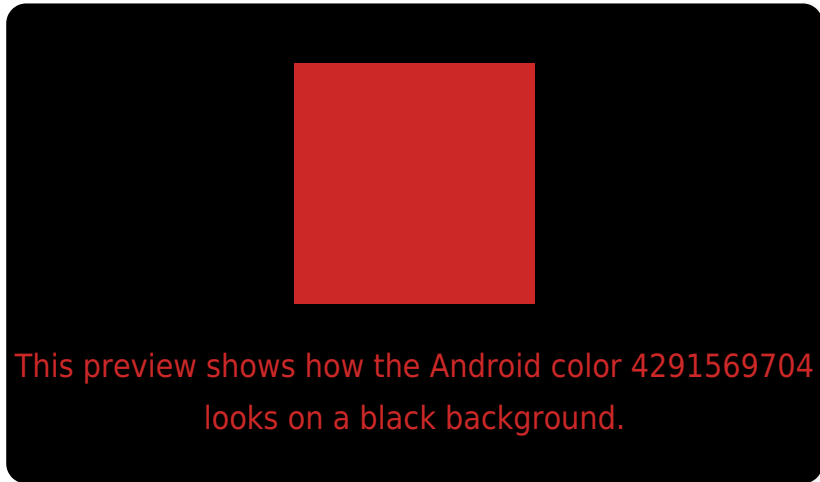
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291569704 Background



This preview shows how black text looks on a background with the Android color 4291569704.



This preview shows how white text looks on a background with the Android color 4291569704.

# 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**  
4291569704

**Protanopia**  
4285950778

**Deuteranopia**  
4287063577



# Trichromacy



**Original Color**  
4291569704

**Protanomaly**  
4287976243

**Deuteranomaly**  
4288696094

**Tritanomaly**  
4291569704

# Monochromacy



**Original Color**  
4291569704

**Achromatopsia**  
4284045657

**Achromatomaly**  
4286793543

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291569704 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, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(204, 40, 40)  
}
```

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, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 40, 40) }
```

## Border

The CSS property to change the border of an element to Android 4291569704 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, 40, 40) }
```

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

```
.border{ border-color:rgb(204, 40, 40) }
```

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

Here you see how a box with a 4 pixel rgb(204, 40, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(204, 40,  
40) }
```

# Background

The CSS property to change the background color of an element to Android 4291569704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 40, 40) }
```

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

```
.background{ background-color: rgb(204, 40,  
40) }
```

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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