

# Converting Colors

Android(4291960839)

Have a look what the booklet for  
Android(4291960839) contains.

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# Color

**Android(4291960839)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D22007
RGB	210, 32, 7
RGB Percent	82%, 13%, 3%
CMY	0.1765, 0.8745, 0.9725
CMYK	0.00, 0.85, 0.97, 0.18
HSL	7°, 94%, 43%
HSV	7°, 97%, 82%
XYZ	27.1332, 14.7500, 1.6180
YIQ	82.3720, 114.1130, 29.9610

# Conversions

## Conversions Part 2

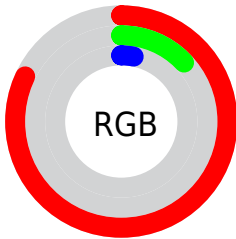
Format	Color
<a href="#">RYB</a>	<a href="#">210, 36, 7</a>
Decimal	<a href="#">13770759</a>
CIELab	<a href="#">45.29, 65.04, 56.50</a>
CIElCh	<a href="#">45, 86.157, 40.980</a>
Yxy	<a href="#">14.7500, 0.6237, 0.3391</a>
Android (android.graphics.Color)	<a href="#">4291960839</a> (0xFFD22007)
YUV	<a href="#">82.3720, -37.1584, 111.9298</a>
Hunter-Lab	<a href="#">38.4057, 58.8982, 24.3862</a>

# Details

The Android color **4291960839** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **4278696402**, and the grayscale version is **4283650899**.

A 20% lighter version of the original color is **4294926651**, and **4287692800** is the 20% darker color. If you saturate the color by 10%, you get **4291959296**, and if you desaturate by 10%, it is **4291965468**.

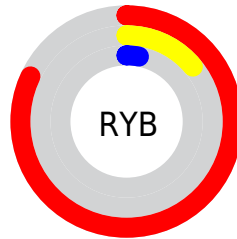
# Distribution



Red (82%)

Green (13%)

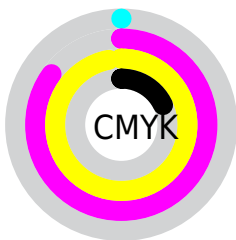
Blue (3%)



Red (82%)

Yellow (14%)

Blue (3%)

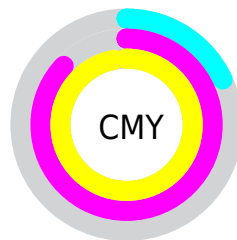


Cyan (0%)

Magenta (85%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (87%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291960839 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 4291960839 by changing the saturation by 10% instead.



 4291960839

 4291960839

 4294967287

 4289855488

 4294926651

 4287692800

 4294934100

 4285661184

 4294941550

 4283629569

 4294949000

 4281663490

 4294956451


 4278452224

 4294964158

 4278190080

 4294967258

 4291960839

 4291960839

■ 4291959296

■ 4291965468

■ 4291970353

■ 4291974982

■ 4291979867

■ 4291984496

■ 4291989125

■ 4291994010

■ 4291998639

■ 4292003524

# Harmonies

## Analogous

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



4293066837



4291960839



4289156608

# Triad

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



4291960839



4278224184



4278218236

# Complementary

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



4291960839



4278696402

# 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.



4278223094



4291960839



4278225029

# Square

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



4291960839



4278222592



4278224841



4287186650

# Rectangle

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



4291960839



4286671360



4278224841



4278220286



# Sweetspot

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



4291960839



4294950581



4291954618



4286601299



4278190080



4286611584



# Same Dimension

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



4291960839



4294909696



4291986439



4285095774



4289205504



4280878336

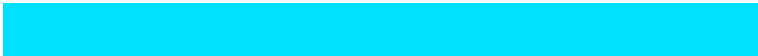


# Inverse Universe

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



4278696402



4278247679



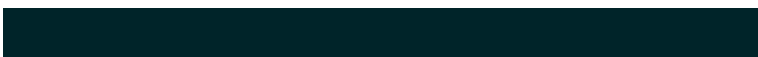
4278670802



4284376937



4278228136



4278199337



# Previews

## White Background



This preview shows how the Android color 4291960839 looks on a white background.

## Color Contrast Check

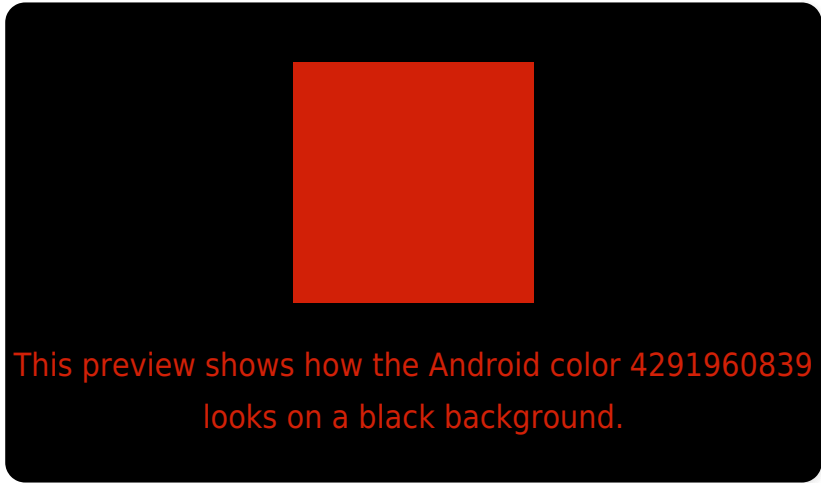
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291960839 Background



This preview shows how black text looks on a background with the Android color 4291960839.



This preview shows how white text looks on a background with the Android color 4291960839.

# 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**  
4291960839

**Protanopia**  
4286213403

**Deuteranopia**  
4287194880



# Trichromacy



**Original Color**  
4291960839

**Protanomaly**  
4288303380

**Deuteranomaly**  
4288957699

**Tritanomaly**  
4291960596

# Monochromacy



**Original Color**  
4291960839

**Achromatopsia**  
4283585106

**Achromatomaly**  
4286660663

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291960839 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(210, 32, 7)` looks like.

```
.text, #text, p{  
    color:rgb(210, 32, 7)  
}
```

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(210, 32, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 32, 7) }
```

## Border

The CSS property to change the border of an element to Android 4291960839 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(210, 32, 7) }
```

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

```
.border{ border-color:rgb(210, 32, 7) }
```

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

Here you see how a box with a 4 pixel rgb(210, 32, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 32, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 32, 7);  
box-shadow:4px 4px 4px 4px rgb(210, 32, 7)  
}
```

# Background

The CSS property to change the background color of an element to Android 4291960839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 32, 7) }
```

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

```
.background{ background-color: rgb(210, 32,  
7) }
```

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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