

# Converting Colors

Android(4292824100)

Have a look what the booklet for  
Android(4292824100) contains.

<b>Android(4292824100)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4292824100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF4C24
RGB	223, 76, 36
RGB Percent	87%, 30%, 14%
CMY	0.1255, 0.7020, 0.8588
CMYK	0.00, 0.66, 0.84, 0.13
HSL	13°, 75%, 51%
HSV	13°, 84%, 87%
XYZ	33.3343, 20.9842, 3.9625
YIQ	115.3930, 100.4520, 18.7240

# Conversions

## Conversions Part 2

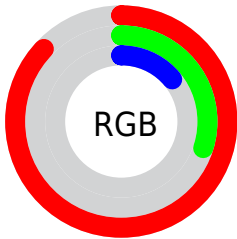
Format	Color
<a href="#">RYB</a>	<a href="#">223, 87, 36</a>
Decimal	<a href="#">14634020</a>
CIELab	<a href="#">52.93, 55.48, 52.57</a>
CIElCh	<a href="#">53, 76.433, 43.456</a>
Yxy	<a href="#">20.9842, 0.5720, 0.3601</a>
Android (android.graphics.Color)	<a href="#">4292824100</a> ( <a href="#">0xFFDF4C24</a> )
YUV	<a href="#">115.3930, -39.1407, 94.3713</a>
Hunter-Lab	<a href="#">45.8086, 49.7272, 26.9373</a>

# Details

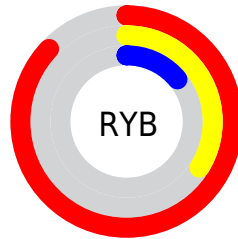
The Android color **4292824100** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4280596447**, and the grayscale version is **4285822068**.

A 20% lighter version of the original color is **4294935381**, and **4288611584** is the 20% darker color. If you saturate the color by 10%, you get **4292819470**, and if you desaturate by 10%, it is **4292828730**.

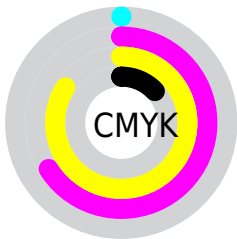
# Distribution



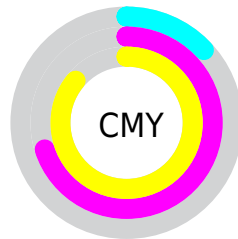
- Red (87%)
- Green (30%)
- Blue (14%)



- Red (87%)
- Yellow (34%)
- Blue (14%)



- Cyan (0%)
- Magenta (66%)
- Yellow (84%)
- Black (13%)



- Cyan (13%)
- Magenta (70%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292824100 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 4292824100 by changing the saturation by 10% instead.



 4292824100

 4292824100

4294967295

 4290719497

 4294935381

 4288611584

 4294942574

 4286578688

 4294950025

 4284547072

 4294957475

 4282646529

 4294964927

 4280680449

 4294967259

 4278190080

 4294967288

 4292824100

 4292824100

4292819470

4292828730

4292816896

4292833105

4292837735

4292842109

4292846739

4292851114

4292855744

4292860118

4292864749

# Harmonies

## Analogous

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



4293929316



4292824100



4290145792

# Triad

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



4292824100



4278229078



4278222335

# Complementary

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



4292824100



4280596447

# 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.



4278227197



4292824100



4278229915

# Square

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



4292824100



4280783360



4278229464



4288962015

# Rectangle

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



4292824100



4287790592



4278229464



4278224383



# Sweetspot

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



4292824100



4294954431



4292814010



4286603609



4278190080



4286611584



# Same Dimension

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



4292824100



4294915840



4292847396



4285556581



4289734144



4281338368

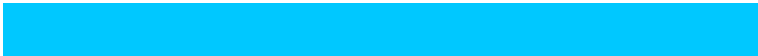


# Inverse Universe

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



4280596447



4278241535



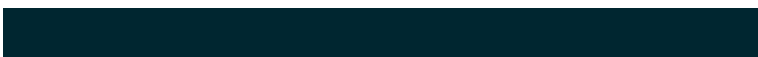
4280573151



4284837488



4278225584



4278199856



# Previews

## White Background



This preview shows how the Android color 4292824100 looks on a white background.

## Color Contrast Check

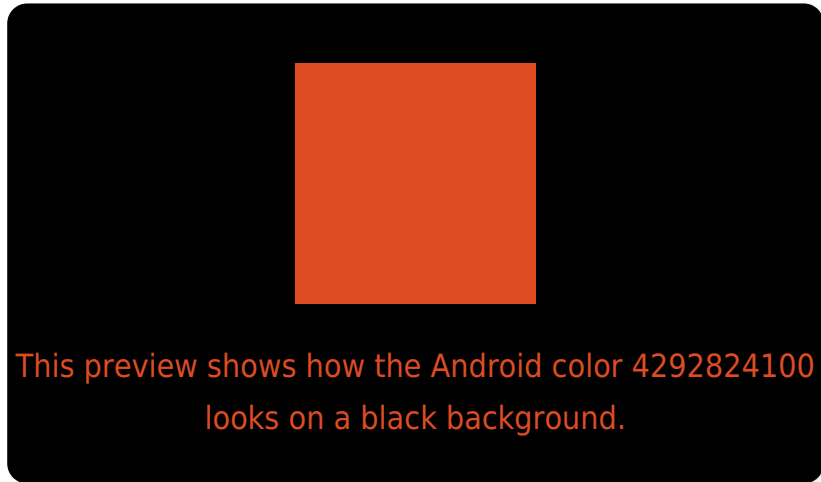
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292824100 Background



This preview shows how black text looks on a background with the Android color 4292824100.



This preview shows how white text looks on a background with the Android color 4292824100.

# 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**  
4292824100

**Protanopia**  
4287528753

**Deuteranopia**  
4288706577



# Trichromacy



**Original Color**  
4292824100

**Protanomaly**  
4289424428

**Deuteranomaly**  
4290209816

**Tritanomaly**  
4292888893

# Monochromacy



**Original Color**  
4292824100

**Achromatopsia**  
4285756275

**Achromatomaly**  
4288308566

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292824100 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(223, 76, 36)` looks like.

```
.text, #text, p{  
    color:rgb(223, 76, 36)  
}
```

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(223, 76, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 76, 36) }
```

## Border

The CSS property to change the border of an element to Android 4292824100 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(223, 76, 36) }
```

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

```
.border{ border-color:rgb(223, 76, 36) }
```

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

Here you see how a box with a 4 pixel rgb(223, 76, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 76, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 76, 36);  
box-shadow:4px 4px 4px 4px rgb(223, 76,  
36) }
```

# Background

The CSS property to change the background color of an element to Android 4292824100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 76, 36) }
```

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

```
.background{ background-color: rgb(223, 76,  
36) }
```

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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