

# Converting Colors

Android(4292563712)

Have a look what the booklet for  
Android(4292563712) contains.

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# Color

**Android(4292563712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB5300
RGB	219, 83, 0
RGB Percent	86%, 33%, 0%
CMY	0.1412, 0.6745, 1.0000
CMYK	0.00, 0.62, 1.00, 0.14
HSL	23°, 100%, 43%
HSV	23°, 100%, 86%
XYZ	32.3067, 21.2466, 2.3983
YIQ	114.2020, 107.6990, 3.0190

# Conversions

## Conversions Part 2

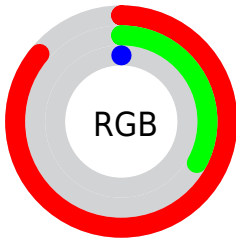
Format	Color
<a href="#">RYB</a>	<a href="#">219, 134, 0</a>
Decimal	<a href="#">14373632</a>
CIELab	<a href="#">53.22, 50.59, 63.28</a>
CIElCh	<a href="#">53, 81.015, 51.360</a>
Yxy	<a href="#">21.2466, 0.5774, 0.3797</a>
Android (android.graphics.Color)	<a href="#">4292563712</a> ( <a href="#">0xFFDB5300</a> )
YUV	<a href="#">114.2020, -56.3016, 91.9078</a>
Hunter-Lab	<a href="#">46.0940, 44.4437, 29.1810</a>

# Details

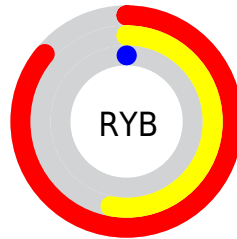
The Android color **4292563712** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4278225115**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4294936894**, and **4288354560** is the 20% darker color. If you saturate the color by 10%, you get **4292563712**, and if you desaturate by 10%, it is **4292567318**.

# Distribution



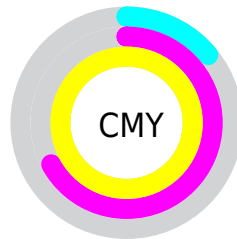
- Red (86%)
- Green (33%)
- Blue (0%)



- Red (86%)
- Yellow (53%)
- Blue (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (100%)
- Black (14%)



- Cyan (14%)
- Magenta (67%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292563712 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 4292563712 by changing the saturation by 10% instead.



 4292563712

 4292563712

4294967295

 4290459648

 4294936894

 4288354560

 4294944089

 4286316544

 4294951283

 4284350464

 4294958734

 4282449921

 4294966185

 4280483841

 4294967237

 4278190080

 4294967266

 4292563712

 4292567318

 4292570668

 4292574274

 4292577624

 4292581230

 4292584835

 4292588185

 4292591791

 4292595141

# Harmonies

## Analogous

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



4294255697



4292563712



4289426688

# Triad

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



4292563712



4278229864



4281956095

# Complementary

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



4292563712



4278225115

# 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.



4278226687



4292563712



4278230448

# Square

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



4292563712



4278228504



4278229740



4290531287

# Rectangle

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



4292563712



4286743808



4278229740



4278223103



# Sweetspot

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



4292563712



4294954931



4292542603



4286604114



4278190080



4286611584



# Same Dimension

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



4292563712



4294926592



4292591104



4285425507



4289544704



4281209088

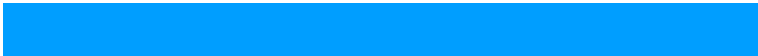


# Inverse Universe

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



4278225115



4278230783



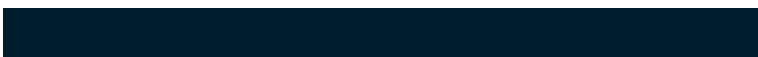
4278197723



4284705134



4278217901



4278197550



# Previews

## White Background



This preview shows how the Android color 4292563712 looks on a white background.

## Color Contrast Check

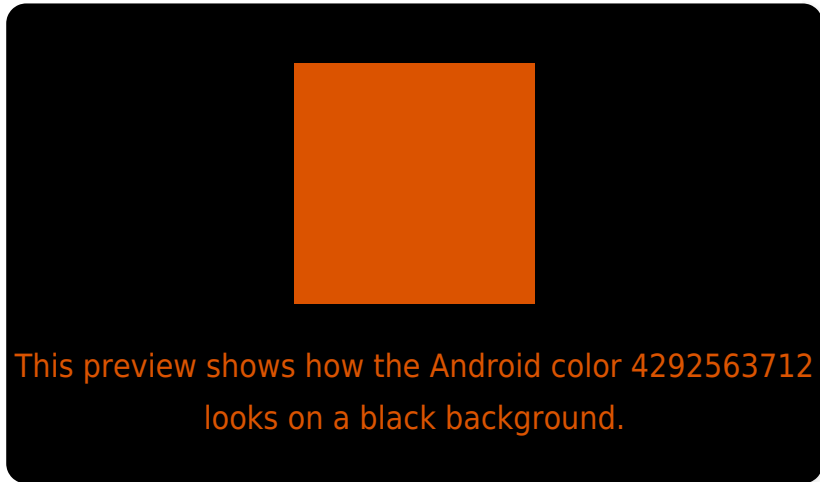
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292563712 Background



This preview shows how black text looks on a background with the Android color 4292563712.



This preview shows how white text looks on a background with the Android color 4292563712.

# 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



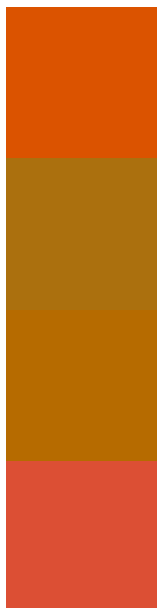
**Original Color**  
4292563712

**Protanopia**  
4287660054

**Deuteranopia**  
4288772352



# Trichromacy



**Original Color**

4292563712

**Protanomaly**

4289425422

**Deuteranomaly**

4290145024

**Tritanomaly**

4292628276

# Monochromacy



**Original Color**

4292563712

**Achromatopsia**

4285690482

**Achromatomaly**

4288177993

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292563712 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(219, 83, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 83, 0)  
}
```

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(219, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 83, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292563712 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(219, 83, 0) }
```

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

```
.border{ border-color:rgb(219, 83, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 83, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 83, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 83, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 83, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4292563712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 83, 0) }
```

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

```
.background{ background-color: rgb(219, 83,  
0) }
```

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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