

# Converting Colors

Android(4292214846)

Have a look what the booklet for  
Android(4292214846) contains.

<b>Android(4292214846)</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(4292214846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6003E
RGB	214, 0, 62
RGB Percent	84%, 0%, 24%
CMY	0.1608, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.71, 0.16
HSL	343°, 100%, 42%
HSV	343°, 100%, 84%
XYZ	28.6011, 14.6439, 5.8765
YIQ	71.0540, 107.6420, 64.6500

# Conversions

## Conversions Part 2

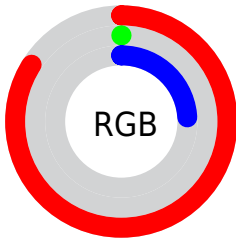
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 0, 62
Decimal	14024766
CIE <sub>Lab</sub>	45.14, 71.51, 29.84
CIE <sub>LCh</sub>	45, 77.485, 22.647
Yxy	14.6439, 0.5823, 0.2981
Android (android.graphics.Color)	4292214846 (0xFFD6003E)
YUV	71.0540, -4.4636, 125.3636
Hunter-Lab	38.2674, 66.4429, 17.6823

# Details

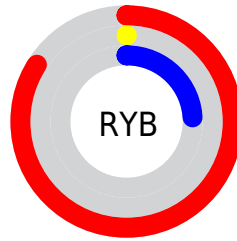
The Android color **4292214846** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **4278245016**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4294924653**, and **4288020501** is the 20% darker color. If you saturate the color by 10%, you get **4292214846**, and if you desaturate by 10%, it is **4292220237**.

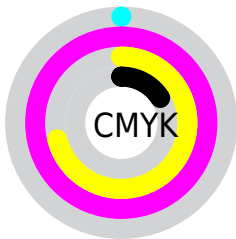
# Distribution



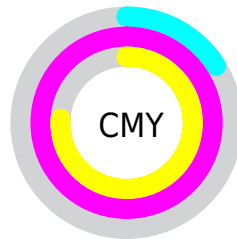
- Red (84%)
- Green (0%)
- Blue (24%)



- Red (84%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292214846 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 4292214846 by changing the saturation by 10% instead.



 4292214846

 4292214846

4294967295

 4290117672

 4294924653

 4288020501

 4294932358

 4285988864

 4294939809

 4283957250

 4294947516

 4281991170

 4294955223

 4279369728

 4294962676

 4278190080

 4292214846

 4292220237

 4292225884

 4292231276

 4292236923

 4292242314

 4292247705

 4292253352

 4292258744

 4292264391

# Harmonies

## Analogous

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



4291952766



4292214846



4290593280

# Triad

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



4292214846



4278222856



4278221037

# Complementary

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



4292214846



4278245016

# 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.



4278223826



4292214846



4278223960

# Square

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



4292214846



4283659776



4278224539



4280836580

# Rectangle

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



4292214846



4288698880



4278224539



4278222312



# Sweetspot

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



4292214846



4294947785



4288020694



4286599775



4278190080



4286611584



# Same Dimension

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



4292214846



4294901834



4292225792



4285227107



4289396785



4281008141



# Inverse Universe

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



4292214846



4294901834



4278234070



4285227107



4289396785



4281008141



# Previews

## White Background



This preview shows how the Android color 4292214846 looks on a white background.

## Color Contrast Check

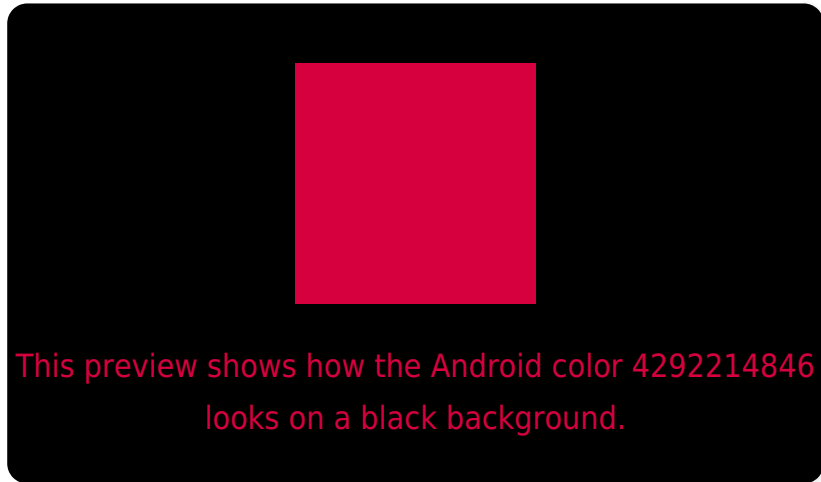
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292214846 Background



This preview shows how black text looks on a background with the Android color 4292214846.



This preview shows how white text looks on a background with the Android color 4292214846.

# 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**

4292214846

**Protanopia**

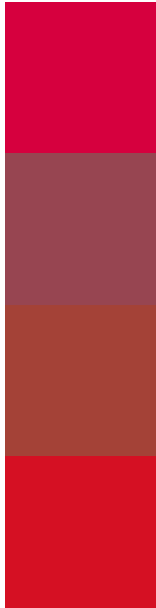
4285754716

**Deuteranopia**

4287064115



# Trichromacy



**Original Color**  
4292214846

**Protanomaly**  
4288103761

**Deuteranomaly**  
4288954935

**Tritanomaly**  
4292153379

# Monochromacy



**Original Color**  
4292214846

**Achromatopsia**  
4282861383

**Achromatomaly**  
4286262596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292214846 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(214, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 62)  
}
```

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(214, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 62) }
```

## Border

The CSS property to change the border of an element to Android 4292214846 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(214, 0, 62) }
```

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

```
.border{ border-color:rgb(214, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 62)  
}
```

# Background

The CSS property to change the background color of an element to Android 4292214846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 62) }
```

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

```
.background{ background-color: rgb(214, 0,  
62) }
```

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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