

# Converting Colors

Android(4292476928)

Have a look what the booklet for  
Android(4292476928) contains.

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# Color

**Android(4292476928)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA0000
RGB	218, 0, 0
RGB Percent	85%, 0%, 0%
CMY	0.1451, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.15
HSL	0°, 100%, 43%
HSV	0°, 100%, 85%
XYZ	28.9134, 14.9054, 1.3531
YIQ	65.1820, 129.9280, 46.2160

# Conversions

## Conversions Part 2

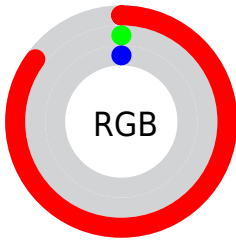
Format	Color
R <sub>Y</sub> B	218, 0, 0
Decimal	14286848
CIE Lab	45.50, 71.17, 59.72
CIE LCh	46, 92.902, 40.000
Yxy	14.9054, 0.6401, 0.3300
Android (android.graphics.Color)	4292476928 (0xFFDA0000)
YUV	65.1820, -32.1347, 134.0214
Hunter-Lab	38.6075, 66.1166, 24.9473

# Details

The Android color **4292476928** 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 **4278246106**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4294924342**, and **4288151552** is the 20% darker color. If you saturate the color by 10%, you get **4292476928**, and if you desaturate by 10%, it is **4292482582**.

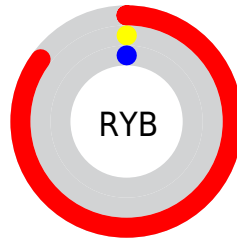
# Distribution



Red (85%)

Green (0%)

Blue (0%)



Red (85%)

Yellow (0%)

Blue (0%)

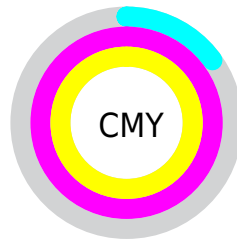


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292476928 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 4292476928 by changing the saturation by 10% instead.



 4292476928

 4292476928

 4294967281

 4290314240

 4294924342

 4288151552

 4294932047

 4286054400

 4294939752

 4284022786

 4294947202

 4282056706

 4294954909

 4279500800

 4294962617

 4278190080

 4294967253

 4292476928

 4292482582

 4292488236

 4292493633

 4292499287

 4292504941

 4292510595

 4292516249

 4292521646

 4292527300

# Harmonies

## Analogous

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



4293656662



4292476928



4289549056

# Triad

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



4292476928



4278224689



4278218751

# Complementary

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



4292476928



4278246106

# 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.



4278223871



4292476928



4278225285

# Square

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



4292476928



4278222848



4278225360



4286989541

# Rectangle

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



4292476928



4286867712



4278225360



4278221055



# Sweetspot

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



4292476928



4294947763



4292477146



4286599762



4278190080



4286611584



# Same Dimension

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



4292476928



4294901760



4292504832



4285424483



4289527808

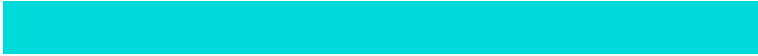


4281204736



# Inverse Universe

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



4278246106



4278255615



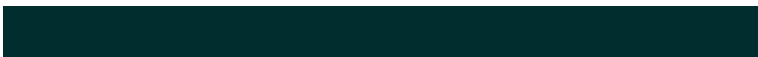
4278218202



4284706414



4278234541



4278201902



# Previews

## White Background



This preview shows how the Android color 4292476928 looks on a white background.

## Color Contrast Check

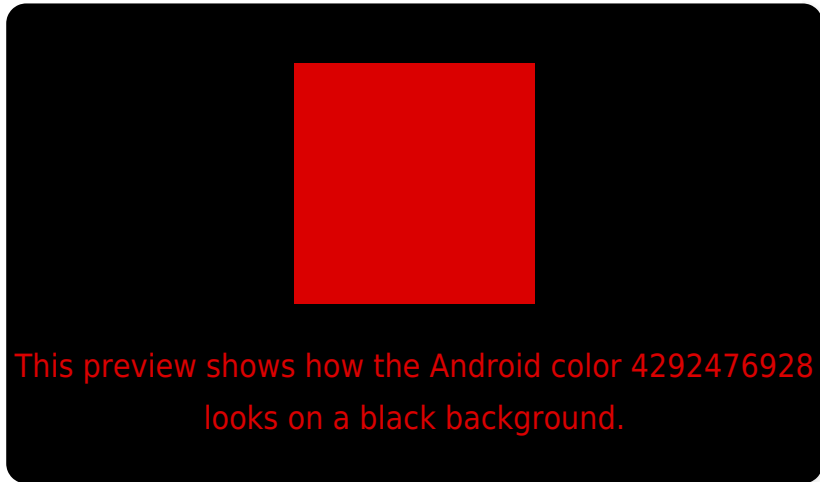
Large Text (above 18pt) WCAG AA ✓ Pass

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 4292476928 Background



This preview shows how black text looks on a background with the Android color 4292476928.



This preview shows how white text looks on a background with the Android color 4292476928.

# 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**  
4292476928

**Protanopia**  
4286344732

**Deuteranopia**  
4287326208

# Trichromacy



**Original Color**  
4292476928

**Protanomaly**  
4288562706

**Deuteranomaly**  
4289217024

# Monochromacy



**Original Color**  
4292476928

**Achromatopsia**  
4282466625

**Achromatomaly**  
4286130473

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292476928 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(218, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 0, 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(218, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 0, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292476928 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(218, 0, 0) }
```

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

```
.border{ border-color:rgb(218, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(218, 0, 0); box-shadow:4px  
4px 4px 4px rgb(218, 0, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4292476928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 0, 0) }
```

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

```
.background{ background-color: rgb(218, 0,  
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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