

# Converting Colors

Android(4288220416)

Have a look what the booklet for  
Android(4288220416) contains.

<b>Android(4288220416)</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(4288220416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	990D00
RGB	153, 13, 0
RGB Percent	60%, 5%, 0%
CMY	0.4000, 0.9490, 1.0000
CMYK	0.00, 0.92, 1.00, 0.40
HSL	5°, 100%, 30%
HSV	5°, 100%, 60%
XYZ	13.2808, 7.0602, 0.6628
YIQ	53.3780, 87.6130, 25.6370

# Conversions

## Conversions Part 2

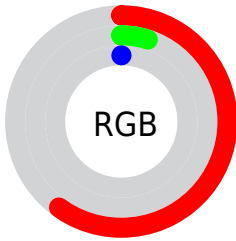
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 14, 0
Decimal	10030336
CIE <sub>Lab</sub>	31.94, 52.80, 45.60
CIE <sub>LCh</sub>	32, 69.765, 40.810
Yxy	7.0602, 0.6323, 0.3361
Android (android.graphics.Color)	4288220416 (0xFF990D00)
YUV	53.3780, -26.3154, 87.3685
Hunter-Lab	26.5709, 42.7194, 17.1208

# Details

The Android color **4288220416** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **4278226073**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4292365616**, and **4284219392** is the 20% darker color. If you saturate the color by 10%, you get **4288220416**, and if you desaturate by 10%, it is **4288224015**.

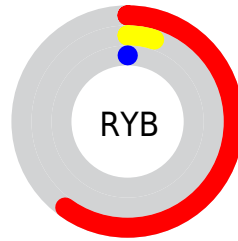
# Distribution



Red (60%)

Green (5%)

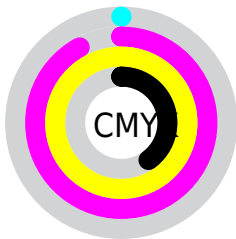
Blue (0%)



Red (60%)

Yellow (5%)

Blue (0%)

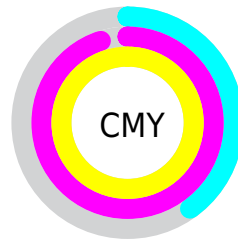


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288220416 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 4288220416 by changing the saturation by 10% instead.



 4288220416

 4288220416

 4294967270

 4286185472

 4292365616

 4284219392

 4294404423

 4282384386

 4294935648

 4280287233

 4294942841

 4278190080

 4294950035

 4294957486

 4294964938

 4288220416

 4288224015

 4288227615

 4288231214

 4288234813

 4288238413

 4288242012

 4288245611

 4288249210

 4288252810

# Harmonies

## Analogous

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



4289069114



4288220416



4286135040

# Triad

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



4288220416



4278214180



4278209977

# Complementary

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



4288220416



4278226073

# 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.



4278213557



4288220416



4278214750

# Square

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



4288220416



4278213120



4278214803



4284559264

# Rectangle

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



4288220416



4284238336



4278214803



4278211515



# Sweetspot

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



4288220416



4291268747



4288217228



4284695360



4293125091



4284703587



# Same Dimension

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



4288220416



4291236096



4288239872



4283254341



4287368192



4279042304



# Inverse Universe

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



4278226073



4278236871



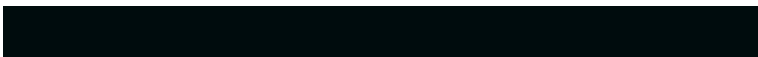
4278206617



4282731597



4278222988

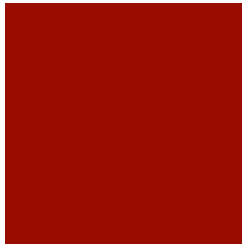


4278193165



# Previews

## White Background



This preview shows how the Android color 4288220416 looks on a white background.

## Color Contrast Check

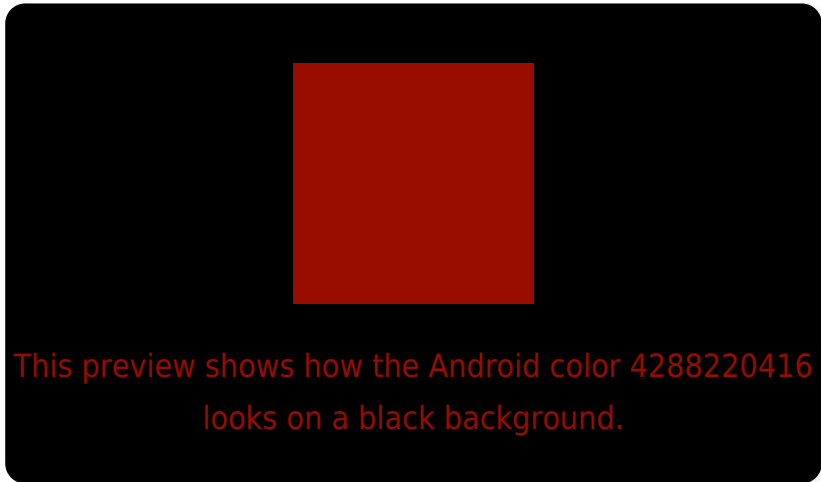
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4288220416 Background



This preview shows how black text looks on a background with the Android color 4288220416.



This preview shows how white text looks on a background with the Android color 4288220416.

# 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



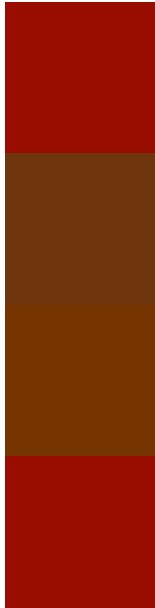
**Original Color**  
4288220416

**Protanopia**  
4283911700

**Deuteranopia**  
4284631552



# Trichromacy



**Original Color**  
4288220416

**Protanomaly**  
4285478413

**Deuteranomaly**  
4285936640

**Tritanomaly**  
4288220416

# Monochromacy



**Original Color**  
4288220416

**Achromatopsia**  
4281677109

**Achromatomaly**  
4284032546

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288220416 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(153, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 13, 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(153, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 13, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288220416 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(153, 13, 0) }
```

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

```
.border{ border-color:rgb(153, 13, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 13, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 13, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 13, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 13, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288220416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 13, 0) }
```

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

```
.background{ background-color: rgb(153, 13,  
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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