

# Converting Colors

Android(4288020528)

Have a look what the booklet for  
Android(4288020528) contains.

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# Color

**Android(4288020528)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	960030
RGB	150, 0, 48
RGB Percent	59%, 0%, 19%
CMY	0.4118, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.68, 0.41
HSL	341°, 100%, 29%
HSV	341°, 100%, 59%
XYZ	13.1112, 6.6974, 3.3980
YIQ	50.3220, 73.9920, 46.7280

# Conversions

## Conversions Part 2

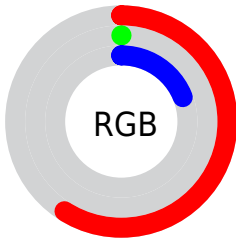
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 0, 48
Decimal	9830448
CIELab	31.11, 55.30, 18.25
CIElCh	31, 58.231, 18.268
Yxy	6.6974, 0.5650, 0.2886
Android (android.graphics.Color)	4288020528 (0xFF960030)
YUV	50.3220, -1.1447, 87.4176
Hunter-Lab	25.8794, 45.1438, 10.3307

# Details

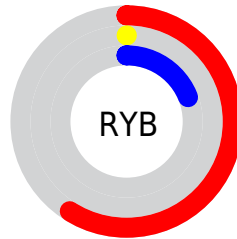
The Android color **4288020528** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **4278228582**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4291971422**, and **4284153857** is the 20% darker color. If you saturate the color by 10%, you get **4288020528**, and if you desaturate by 10%, it is **4288024378**.

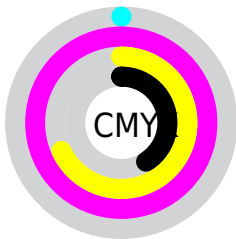
# Distribution



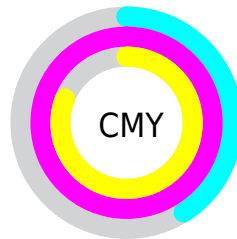
- Red (59%)
- Green (0%)
- Blue (19%)



- Red (59%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288020528 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 4288020528 by changing the saturation by 10% instead.



 4288020528

 4288020528

4294967295

 4286054428

 4291971422

 4284153857

 4294010230

 4282384386

 4294934928

 4280221697

 4294942122

 4278190080

 4294949317

 4294956769

 4294964222

 4288020528

 4288024378

 4288028228

 4288032079

 4288035929

 4288039779

 4288043629

 4288047479

 4288051330

 4288055180

# Harmonies

## Analogous

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



4287562333



4288020528



4287047936

# Triad

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



4288020528



4278212352



4278211748

# Complementary

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



4288020528



4278228582

# 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.



4278213517



4288020528



4278213429

# Square

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



4288020528



4282470144



4278213733



4278207905

# Rectangle

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



4288020528



4285872640



4278213733



4278212511



# Sweetspot

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



4288020528



4290939034



4284743830



4284563017



4292927712



4284572001



# Same Dimension

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



4288020528



4290904126



4288026880



4283056965



4287234092



4278845443



# Inverse Universe

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



4288020528



4290904126



4278222230



4283056965



4287234092

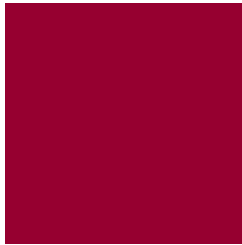


4278845443



# Previews

## White Background



This preview shows how the Android color 4288020528 looks on a white background.

## Color Contrast Check

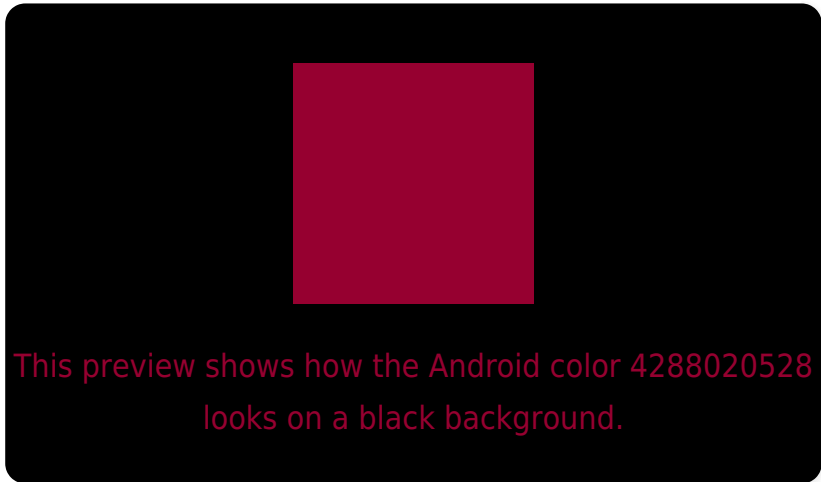
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288020528 Background



This preview shows how black text looks on a background with the Android color 4288020528.



This preview shows how white text looks on a background with the Android color 4288020528.

# 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**

4288020528

**Protanopia**

4283386951

**Deuteranopia**

4284369193



# Trichromacy



**Original Color**  
4288020528

**Protanomaly**  
4285083711

**Deuteranomaly**  
4285673004

**Tritanomaly**  
4287958044

# Monochromacy



**Original Color**  
4288020528

**Achromatopsia**  
4281479730

**Achromatomaly**  
4283834417

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288020528 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(150, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 48)  
}
```

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(150, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 48) }
```

## Border

The CSS property to change the border of an element to Android 4288020528 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(150, 0, 48) }
```

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

```
.border{ border-color:rgb(150, 0, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 0, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 48);  
box-shadow:4px 4px 4px 4px rgb(150, 0, 48)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288020528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 48) }
```

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

```
.background{ background-color: rgb(150, 0,  
48) }
```

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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