

# Converting Colors

Android(4288568064)

Have a look what the booklet for  
Android(4288568064) contains.

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**Color**

**Android(4288568064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E5B00
RGB	158, 91, 0
RGB Percent	62%, 36%, 0%
CMY	0.3804, 0.6431, 1.0000
CMYK	0.00, 0.42, 1.00, 0.38
HSL	35°, 100%, 31%
HSV	35°, 100%, 62%
XYZ	17.8416, 14.7513, 1.9069
YIQ	100.6590, 69.1430, -14.0970

# Conversions

## Conversions Part 2

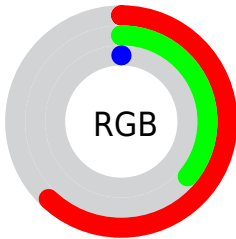
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 158, 0
Decimal	10377984
CIE <sub>Lab</sub>	45.29, 22.10, 53.74
CIE <sub>LCh</sub>	45, 58.104, 67.645
Yxy	14.7513, 0.5172, 0.4276
Android (android.graphics.Color)	4288568064 (0xFF9E5B00)
YUV	100.6590, -49.6249, 50.2881
Hunter-Lab	38.4074, 15.7069, 23.9414

# Details

The Android color **4288568064** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4278207390**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4292513340**, and **4284754944** is the 20% darker color. If you saturate the color by 10%, you get **4288568064**, and if you desaturate by 10%, it is **4288569872**.

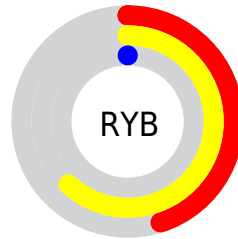
# Distribution



Red (62%)

Green (36%)

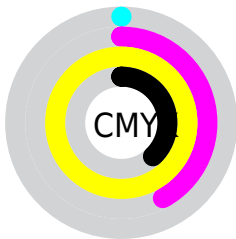
Blue (0%)



Red (45%)

Yellow (62%)

Blue (0%)

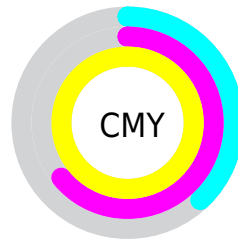


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288568064 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 4288568064 by changing the saturation by 10% instead.



 4288568064

 4288568064

 4294967290

 4286661376

 4292513340

 4284754944

 4294551637

 4282914560

 4294951791

 4281204736

 4294958986

 4278517760

 4294966437

 4278190080

 4294967233

 4294967261

 4288568064

 4288569872

 4288571424

 4288573231

 4288575039

 4288576847

 4288578399

 4288580207

 4288582014

 4288583566

# Harmonies

## Analogous

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



4290331954



4288568064



4285951232

# Triad

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



4288568064



4278223223



4286273721

# Complementary

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



4288568064



4278207390

# 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.



4278218188



4288568064



4278223014

# Square

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



4288568064



4278222660



4278221509



4289609873

# Rectangle

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



4288568064



4283790592



4278221509



4284506306



# Sweetspot

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



4288568064



4291802257



4288544836



4285094211



4293454056



4285098345



# Same Dimension

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



4288568064



4291786496



4287864320



4283386951



4287582720



4279175424



# Inverse Universe

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



4278207390



4278212815



4278911134



4282862159



4278205839

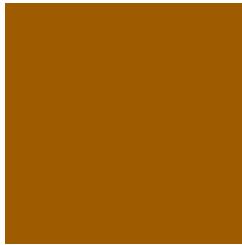


4278191631



# Previews

## White Background



This preview shows how the Android color 4288568064 looks on a white background.

## Color Contrast Check

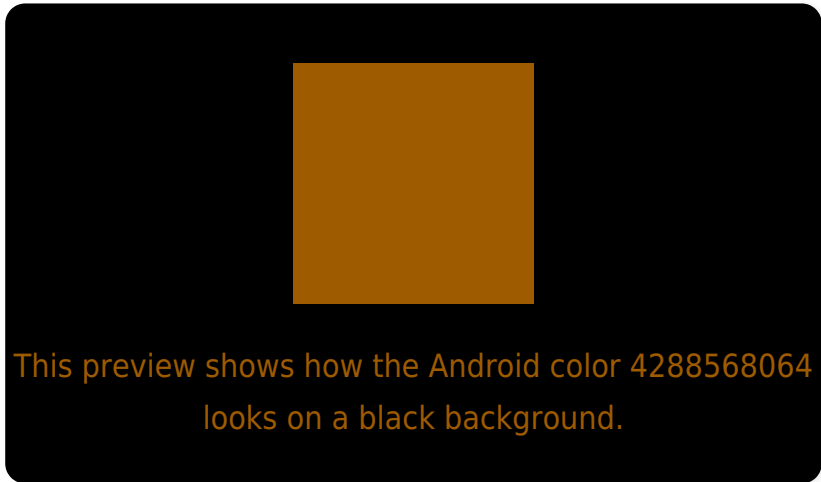
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288568064 Background



This preview shows how black text looks on a background with the Android color 4288568064.



This preview shows how white text looks on a background with the Android color 4288568064.

# 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**  
4288568064

**Protanopia**  
4286213132

**Deuteranopia**  
4287129088



# Trichromacy



**Original Color**  
4288568064

**Protanomaly**  
4287063560

**Deuteranomaly**  
4287652352

**Tritanomaly**  
4288698170

# Monochromacy



**Original Color**  
4288568064

**Achromatopsia**  
4284835173

**Achromatomaly**  
4286210368

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288568064 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(158, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 91, 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(158, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 91, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288568064 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(158, 91, 0) }
```

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

```
.border{ border-color:rgb(158, 91, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 91, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288568064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 91, 0) }
```

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

```
.background{ background-color: rgb(158, 91,  
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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