

# Converting Colors

Android(4288175395)

Have a look what the booklet for  
Android(4288175395) contains.

<b>Android(4288175395)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4288175395)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	985D23
RGB	152, 93, 35
RGB Percent	60%, 36%, 14%
CMY	0.4039, 0.6353, 0.8627
CMYK	0.00, 0.39, 0.77, 0.40
HSL	30°, 63%, 37%
HSV	30°, 77%, 60%
XYZ	17.1666, 14.6255, 3.5083
YIQ	104.0290, 53.7820, -5.5300

# Conversions

## Conversions Part 2

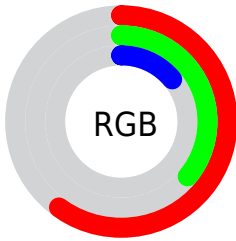
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 150, 35
Decimal	9985315
CIELab	45.12, 19.20, 41.73
CIElCh	45, 45.935, 65.299
Yxy	14.6255, 0.4863, 0.4143
Android (android.graphics.Color)	4288175395 (0xFF985D23)
YUV	104.0290, -34.0313, 42.0706
Hunter-Lab	38.2432, 13.1994, 21.3312

# Details

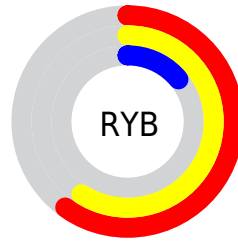
The Android color **4288175395** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4280508056**, and the grayscale version is **4285032552**.

A 20% lighter version of the original color is **4291989587**, and **4284493312** is the 20% darker color. If you saturate the color by 10%, you get **4288173332**, and if you desaturate by 10%, it is **4288177458**.

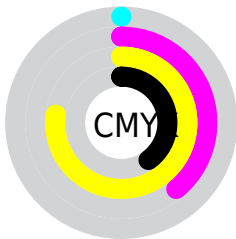
# Distribution



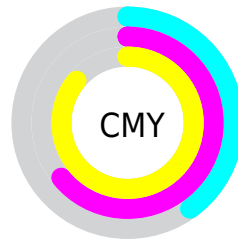
- Red (60%)
- Green (36%)
- Blue (14%)



- Red (60%)
- Yellow (59%)
- Blue (14%)



- Cyan (0%)
- Magenta (39%)
- Yellow (77%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288175395 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 4288175395 by changing the saturation by 10% instead.





4288175395



4288175395

4294967295



4286334217



4291989587



4284493312



4293962349



4282718464



4294952326



4281008896



4294959777



4278190080



4294966973



4294967257



4294967285



4288175395



4288175395

■ 4288173332

■ 4288177458

■ 4288171525

■ 4288179265

■ 4288170752

■ 4288181329

■ 4288183392

■ 4288185199

■ 4288187262

■ 4288189325

■ 4288191133

■ 4288193196

# Harmonies

## Analogous

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



4289482305



4288175395



4286147350

# Triad

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



4288175395



4278222193



4285882026

# Complementary

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



4288175395



4280508056

# 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.



4280249783



4288175395



4278221974

# Square

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



4288175395



4278287177



4278220720



4288564876

# Rectangle

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



4288175395



4284445215



4278220720



4284572592



# Sweetspot

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



4288175395



4291079831



4288160607



4284699976



4293125091



4284703587



# Same Dimension

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



4288175395



4291062032



4288189987



4283255109



4287383040



4279043584



# Inverse Universe

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



4280508056



4279266244



4280493464



4282730829



4278208396



4278191629



# Previews

## White Background



This preview shows how the Android color 4288175395 looks on a white background.

## Color Contrast Check

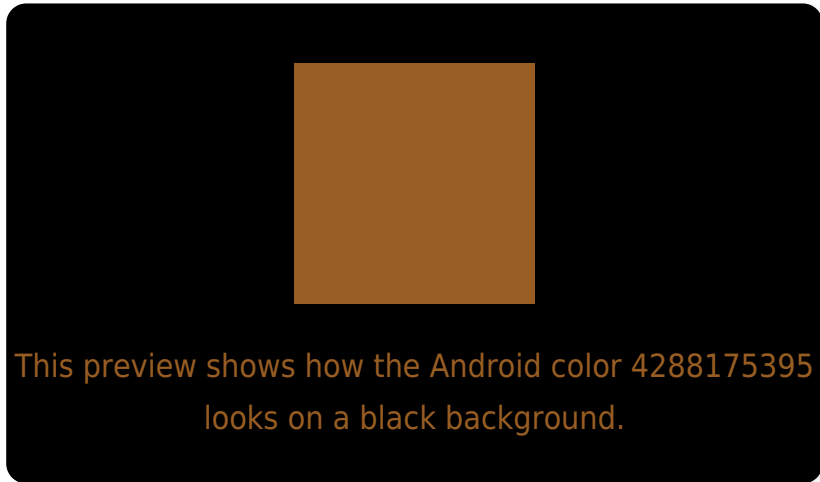
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288175395 Background



This preview shows how black text looks on a background with the Android color 4288175395.



This preview shows how white text looks on a background with the Android color 4288175395.

# 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**  
4288175395

**Protanopia**  
4286081831

**Deuteranopia**  
4286998048



# Trichromacy



**Original Color**  
4288175395

**Protanomaly**  
4286866982

**Deuteranomaly**  
4287456033

**Tritanomaly**  
4288305481

# Monochromacy



**Original Color**  
4288175395

**Achromatopsia**  
4285032552

**Achromatomaly**  
4286145615

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288175395 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(152, 93, 35)` looks like.

```
.text, #text, p{  
    color:rgb(152, 93, 35)  
}
```

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(152, 93, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 93, 35) }
```

## Border

The CSS property to change the border of an element to Android 4288175395 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(152, 93, 35) }
```

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

```
.border{ border-color:rgb(152, 93, 35) }
```

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

Here you see how a box with a 4 pixel rgb(152, 93, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 93, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 93, 35);  
box-shadow:4px 4px 4px 4px rgb(152, 93,  
35) }
```

# Background

The CSS property to change the background color of an element to Android 4288175395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 93, 35) }
```

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

```
.background{ background-color: rgb(152, 93,  
35) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor