

# Converting Colors

Android(4282002990)

Have a look what the booklet for  
Android(4282002990) contains.

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# Color

**Android(4282002990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A2E2E
RGB	58, 46, 46
RGB Percent	23%, 18%, 18%
CMY	0.7725, 0.8196, 0.8196
CMYK	0.00, 0.21, 0.21, 0.77
HSL	0°, 12%, 20%
HSV	0°, 21%, 23%
XYZ	3.2151, 3.0508, 3.0042
YIQ	49.5880, 7.1520, 2.5440

# Conversions

## Conversions Part 2

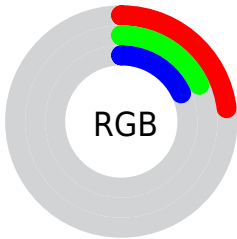
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 46, 46
Decimal	3812910
CIE Lab	20.25, 5.47, 2.06
CIE LCh	20, 5.845, 20.625
Yxy	3.0508, 0.3468, 0.3291
Android (android.graphics.Color)	4282002990 (0xFF3A2E2E)
YUV	49.5880, -1.7689, 7.3773
Hunter-Lab	17.4665, 2.2901, 2.0289

# Details

The Android color **4282002990** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281219642**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4285095004**, and **4279173120** is the 20% darker color. If you saturate the color by 10%, you get **4282001448**, and if you desaturate by 10%, it is **4282004532**.

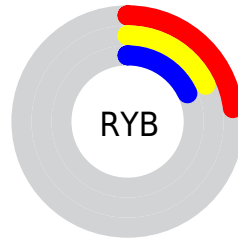
# Distribution



Red (23%)

Green (18%)

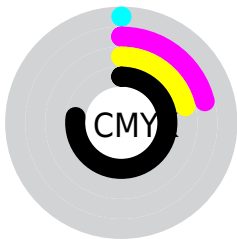
Blue (18%)



Red (23%)

Yellow (18%)

Blue (18%)

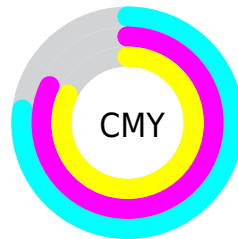


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (77%)



Cyan (77%)

Magenta (82%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282002990 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 4282002990 by changing the saturation by 10% instead.





4282002990



4282002990

4294967295



4280555801



4285095004



4279173120



4286805108



4278190080



4288515726



4290291880



4292068547



4293976031



4294966524



4282002990



4282002990

■ 4282001448

■ 4282004532

■ 4281999906

■ 4282006074

■ 4281998621

■ 4282007359

■ 4281997079

■ 4282008901

■ 4281995537

■ 4282010443

■ 4281993995

■ 4282011985

■ 4281992453

■ 4282013527

■ 4281991168

■ 4282014812

■ 4282016354

# Harmonies

## Analogous

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



4281937458



4282002990



4281937706

# Triad

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



4282002990



4281086763



4281020985

# Complementary

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



4282002990



4281219642

# 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.



4280759095



4282002990



4280824623

# Square

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



4282002990



4281413929



4280693556



4281348153

# Rectangle

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



4282002990



4281806889



4280693556



4280889913



# Sweetspot

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



4282002990



4283254856



4282003002



4280689700



4289111718



4280690214



# Same Dimension

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



4282002990



4283251001



4282004526



4280031513



4284219392



4292542464



# Inverse Universe

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



4281219642



4281945421



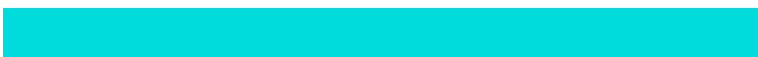
4281218106



4279835676



4278213724



4278246363



# Previews

## White Background



This preview shows how the Android color 4282002990 looks on a white background.

## Color Contrast Check

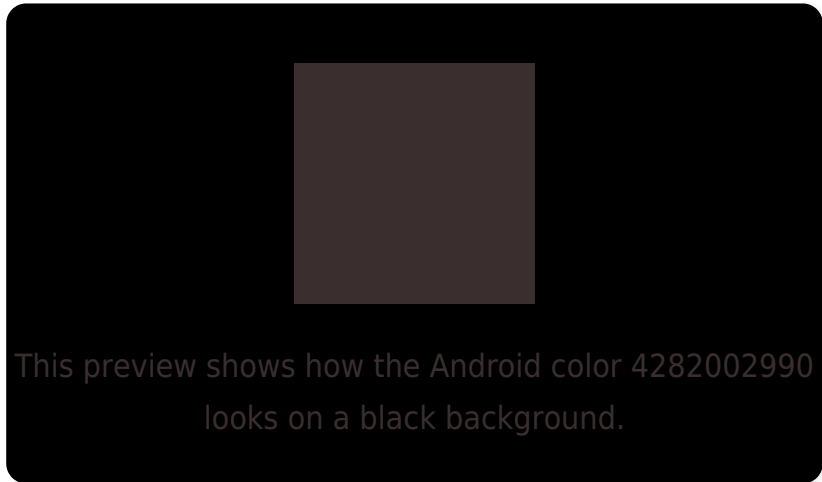
Large Text (above 18pt) WCAG AA ✓ Pass

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

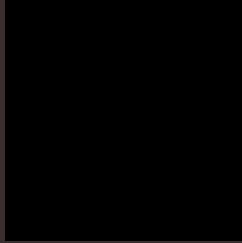
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282002990 Background



This preview shows how black text looks on a background with the Android color 4282002990.

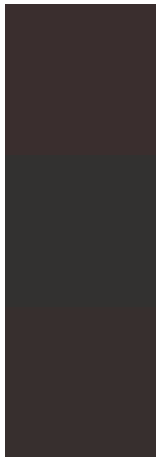


This preview shows how white text looks on a background with the Android color 4282002990.

# 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



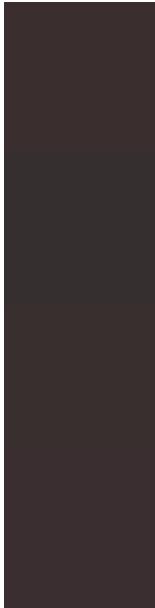
**Original Color**  
4282002990

**Protanopia**  
4281479472

**Deuteranopia**  
4281806638



# Trichromacy



**Original Color**

4282002990

**Protanomaly**

4281675823

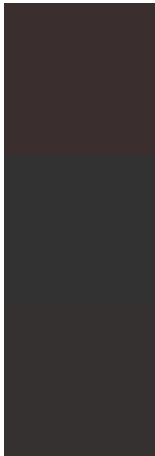
**Deuteranomaly**

4281872174

**Tritanomaly**

4282002992

# Monochromacy



**Original Color**

4282002990

**Achromatopsia**

4281479730

**Achromatomaly**

4281676081

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282002990 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(58, 46, 46) looks like.

```
.text, #text, p{  
    color:rgb(58, 46, 46)  
}
```

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(58, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 46, 46) }
```

## Border

The CSS property to change the border of an element to Android 4282002990 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(58, 46, 46) }
```

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

```
.border{ border-color:rgb(58, 46, 46) }
```

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

Here you see how a box with a 4 pixel rgb(58, 46, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(58, 46, 46)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282002990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 46, 46) }
```

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

```
.background{ background-color: rgb(58, 46,  
46) }
```

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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