

Converting Colors

Android(4282004493)

Have a look what the booklet for
Android(4282004493) contains.

Android(4282004493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282004493)

Conversions

Conversions Part 1

Format	Color
Hex	3A340D
RGB	58, 52, 13
RGB Percent	23%, 20%, 5%
CMY	0.7725, 0.7961, 0.9490
CMYK	0.00, 0.10, 0.78, 0.77
HSL	52°, 63%, 14%
HSV	52°, 78%, 23%
XYZ	3.0456, 3.3846, 0.8735
YIQ	49.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

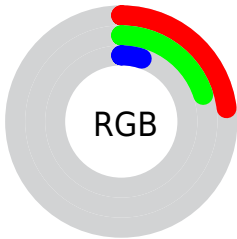
Format	Color
RYB	20, 58, 13
Decimal	3814413
CIELab	21.52, -2.92, 24.61
CIELCh	22, 24.786, 96.777
Yxy	3.3846, 0.4170, 0.4634
Android (android.graphics.Color)	4282004493 (0xFF3A340D)
YUV	49.3480, -17.9196, 7.5878
Hunter-Lab	18.3972, -2.6455, 10.0628

Details

The Android color **4282004493** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279046970**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4285227577**, and **4278257664** is the 20% darker color. If you saturate the color by 10%, you get **4282004231**, and if you desaturate by 10%, it is **4282004755**.

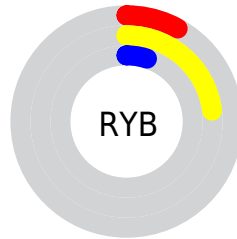
Distribution



Red (23%)

Green (20%)

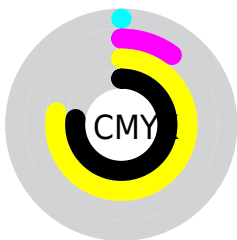
Blue (5%)



Red (8%)

Yellow (23%)

Blue (5%)

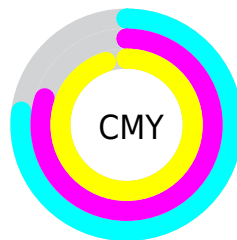


Cyan (0%)

Magenta (10%)

Yellow (78%)

Black (77%)



Cyan (77%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282004493 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 4282004493 by changing the saturation by 10% instead.



4282004493



4282004493



4294967280



4280557312



4285227577



4278257664



4286937936



4278190080



4288648553



4290490242



4292332445



4294240184



4294967251



4282004493



4282004493

■ 4282004231

■ 4282004755

■ 4282003969

■ 4282005017

■ 4282003968

■ 4282005022

■ 4282005284

■ 4282005546

■ 4282005808

■ 4282005814

■ 4282006075

■ 4282006337

Harmonies

Analogous

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



4282985746



4282004493



4280760597

Triad

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



4282004493



4278205513



4283246146

Complementary

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



4282004493



4279046970

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.



4282002769



4282004493



4278204757

Square

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



4282004493



4278205751



4279841880



4283769648

Rectangle

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



4282004493



4279647007



4279841880



4282918984

Sweetspot

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



4282004493



4283255355



4281994515



4280689948



4289111718



4280690214

Same Dimension

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



4282004493



4283253509



4280957453



4280032281



4284239872



4292591104

Inverse Universe

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



4279046970



4278521677



4280094010



4279835164



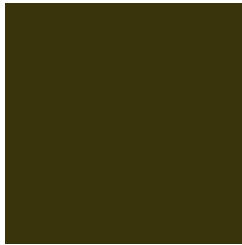
4278193244



4278197723

Previews

White Background



This preview shows how the Android color 4282004493 looks on a white background.

Color Contrast Check

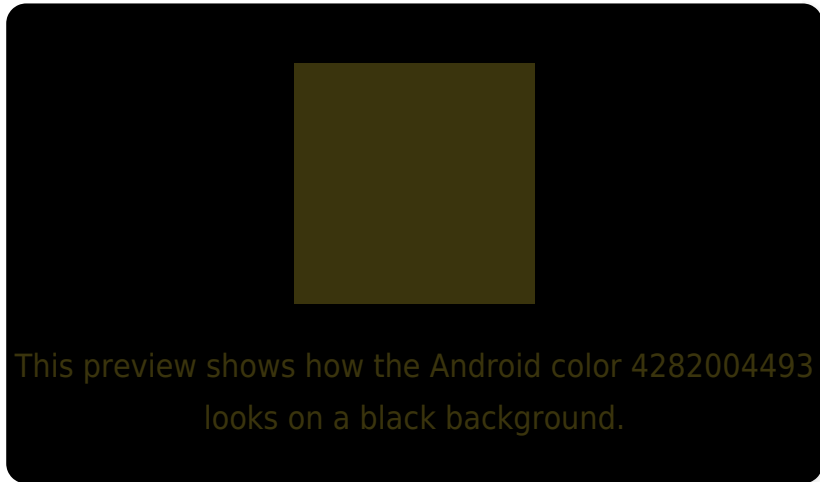
Large Text (above 18pt) WCAG AA ✓ Pass

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

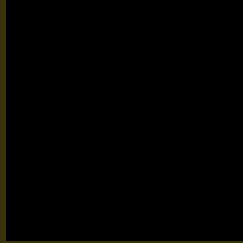
Any Text WCAG AA × Fail

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 4282004493 Background



This preview shows how black text looks on a background with the Android color 4282004493.



This preview shows how white text looks on a background with the Android color 4282004493.

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
4282004493

Protanopia
4282004493

Deuteranopia
4282462478

Trichromacy



Original Color

4282004493

Protanomaly

4282004493

Deuteranomaly

4282266126

Tritanomaly

4282134822

Monochromacy



Original Color

4282004493

Achromatopsia

4281413937

Achromatomaly

4281610788

CSS Examples

Text

The CSS property to change the color of the text to Android 4282004493 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, 52, 13)` looks like.

```
.text, #text, p{  
    color:rgb(58, 52, 13)  
}
```

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, 52, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 52, 13) }
```

Border

The CSS property to change the border of an element to Android 4282004493 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, 52, 13) }
```

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

```
.border{ border-color:rgb(58, 52, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 52, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 52, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 52, 13);  
box-shadow:4px 4px 4px 4px rgb(58, 52, 13)  
}
```

Background

The CSS property to change the background color of an element to Android 4282004493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 52, 13) }
```

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

```
.background{ background-color: rgb(58, 52,  
13) }
```

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