

Converting Colors

Android(4282418996)

Have a look what the booklet for
Android(4282418996) contains.

Android(4282418996)	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(4282418996)

Conversions

Conversions Part 1

Format	Color
Hex	408734
RGB	64, 135, 52
RGB Percent	25%, 53%, 20%
CMY	0.7490, 0.4706, 0.7961
CMYK	0.53, 0.00, 0.61, 0.47
HSL	111°, 44%, 37%
HSV	111°, 61%, 53%
XYZ	11.3982, 18.6659, 6.2509
YIQ	104.3090, -15.6730, -40.8650

Conversions

Conversions Part 2

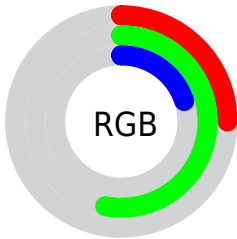
Format	Color
RYB	52, 135, 123
Decimal	4228916
CIELab	50.29, -39.18, 37.15
CIElCh	50, 53.992, 136.528
Yxy	18.6659, 0.3139, 0.5140
Android (android.graphics.Color)	4282418996 (0xFF408734)
YUV	104.3090, -25.7883, -35.3510
Hunter-Lab	43.2040, -28.5148, 21.6645

Details

The Android color `4282418996` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4286264455`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285971814`, and `4278211584` is the 20% darker color. If you saturate the color by 10%, you get `4281632551`, and if you desaturate by 10%, it is `4283205442`.

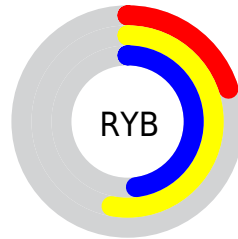
Distribution



Red (25%)

Green (53%)

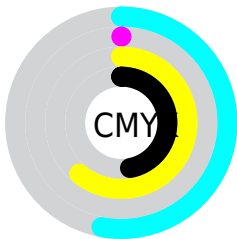
Blue (20%)



Red (20%)

Yellow (53%)

Blue (48%)

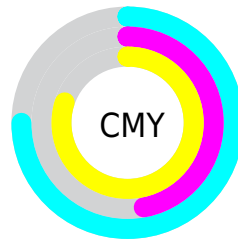


Cyan (53%)

Magenta (0%)

Yellow (61%)

Black (47%)



Cyan (75%)

Magenta (47%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282418996 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 4282418996 by changing the saturation by 10% instead.



4282418996



4282418996

4294967295



4280577307



4285971814



4278211584



4287748479



4278205440



4289590938



4278200064



4291428277



4278190592



4293328849



4278190080



4294967278



4282418996



4282418996



4281632551



4283205442

■ 4280911641

■ 4283926351

■ 4280125195

■ 4284712797

■ 4279535360

■ 4285433706

■ 4286220152

■ 4286941061

■ 4287727507

■ 4288448416

■ 4289234862

Harmonies

Analogous

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



4286020881



4282418996



4278226017

Triad

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



4282418996



4278223825



4291513440

Complementary

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



4282418996



4286264455

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.



4290793102



4282418996



4283266256

Square

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



4282418996



4278225850



4288307383



4290665270

Rectangle

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



4282418996



4278226305



4288307383



4291447408

Sweetspot

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



4282418996



4288000144



4287068980



4282931526



4292467161



4284045657

Same Dimension

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



4282418996



4282495022



4281632593



4282204732



4279468544



4278190848

Inverse Universe

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



4286264455



4288491184



4287050858



4282465346



4285464706



4278321155

Previews

White Background



This preview shows how the Android color 4282418996 looks on a white background.

Color Contrast Check

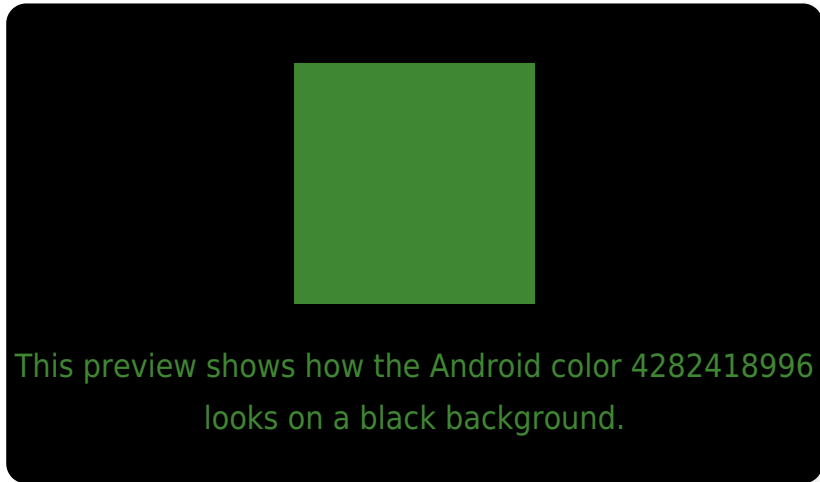
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

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

Android 4282418996 Background



This preview shows how black text looks on a background with the Android color 4282418996.



This preview shows how white text looks on a background with the Android color 4282418996.

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
4282418996

Protanopia
4286936879

Deuteranopia
4287852858

Trichromacy



Original Color
4282418996

Protanomaly
4285300017

Deuteranomaly
4285888824

Tritanomaly
4283138666

Monochromacy



Original Color
4282418996

Achromatopsia
4285032552

Achromatomaly
4284052309

CSS Examples

Text

The CSS property to change the color of the text to Android 4282418996 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(64, 135, 52)` looks like.

```
.text, #text, p{  
    color:rgb(64, 135, 52)  
}
```

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(64, 135, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 135, 52) }
```

Border

The CSS property to change the border of an element to Android 4282418996 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(64, 135, 52) }
```

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

```
.border{ border-color:rgb(64, 135, 52) }
```

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

Here you see how a box with a 4 pixel rgb(64, 135, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 135, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 135, 52);  
box-shadow:4px 4px 4px 4px rgb(64, 135,  
52) }
```

Background

The CSS property to change the background color of an element to Android 4282418996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 135, 52) }
```

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

```
.background{ background-color: rgb(64, 135,  
52) }
```

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