

# Converting Colors

Android(4282090496)

Have a look what the booklet for  
Android(4282090496) contains.

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# Color

**Android(4282090496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B8400
RGB	59, 132, 0
RGB Percent	23%, 52%, 0%
CMY	0.7686, 0.4824, 1.0000
CMYK	0.55, 0.00, 1.00, 0.48
HSL	93°, 100%, 26%
HSV	93°, 100%, 52%
XYZ	10.0549, 17.4323, 2.8348
YIQ	95.1250, -1.1360, -56.5280

# Conversions

## Conversions Part 2

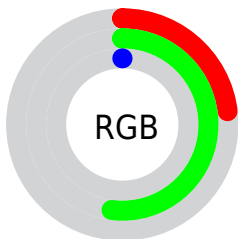
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 132, 73
Decimal	3900416
CIELab	48.80, -42.84, 52.45
CIElCh	49, 67.719, 129.241
Yxy	17.4323, 0.3316, 0.5749
Android (android.graphics.Color)	4282090496 (0xFF3B8400)
YUV	95.1250, -46.8966, -31.6816
Hunter-Lab	41.7520, -30.0790, 25.2008

# Details

The Android color `4282090496` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4282974340`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285774401`, and `4278210816` is the 20% darker color. If you saturate the color by 10%, you get `4282090496`, and if you desaturate by 10%, it is `4282549261`.

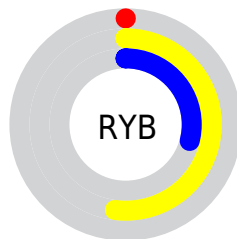
# Distribution



Red (23%)

Green (52%)

Blue (0%)



Red (0%)

Yellow (52%)

Blue (29%)

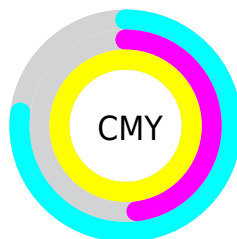


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (77%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282090496 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 4282090496 by changing the saturation by 10% instead.



 4282090496

 4282090496

4294967295

 4279986688

 4285774401

 4278210816

 4287616604

 4278204672

 4289458806

 4278199552

 4291362705

 4278190080

 4293263277

 4294967241

 4294967270

 4282090496

 4282549261

 4283073562

 4283532328

 4283991093

 4284515394

 4284974159

 4285432924

 4285891690

 4286415991

# Harmonies

## Analogous

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



4286347008



4282090496



4278225737

# Triad

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



4282090496



4278224352



4292357733

# Complementary

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



4282090496



4282974340

# 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.



4291050654



4282090496



4278220262

# Square

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



4282090496



4278226108



4287257550



4291642670

# Rectangle

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



4282090496



4278226289



4287257550



4292161144



# Sweetspot

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



4282090496



4287605624



4286859520



4282734391



4292269782



4283914071



# Same Dimension

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



4282090496



4283214592



4278223879



4282335804



4282024448



4278256384



# Inverse Universe

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



4282974340



4284350635



4286840957



4282334274



4282908802



4278255619



# Previews

## White Background



This preview shows how the Android color 4282090496 looks on a white background.

## Color Contrast Check

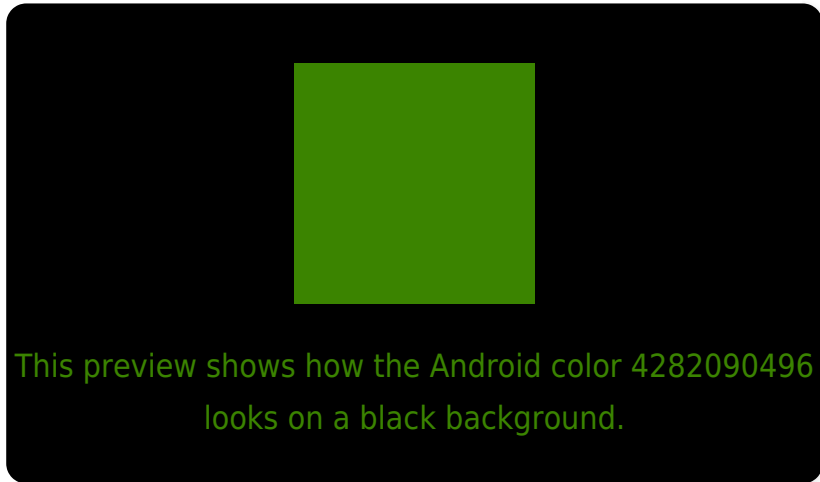
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282090496 Background



This preview shows how black text looks on a background with the Android color 4282090496.



This preview shows how white text looks on a background with the Android color 4282090496.

# 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**  
4282090496

**Protanopia**  
4286739456

**Deuteranopia**  
4287720731



# Trichromacy



**Original Color**  
4282090496

**Protanomaly**  
4285037056

**Deuteranomaly**  
4285691153

**Tritanomaly**  
4282875477

# Monochromacy



**Original Color**  
4282090496

**Achromatopsia**  
4284440415

**Achromatomaly**  
4283591740

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282090496 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(59, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 132, 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(59, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 132, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282090496 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(59, 132, 0) }
```

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

```
.border{ border-color:rgb(59, 132, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 132, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 132, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282090496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 132, 0) }
```

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

```
.background{ background-color: rgb(59, 132,  
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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