

# Converting Colors

Android(4281693440)

Have a look what the booklet for  
Android(4281693440) contains.

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# Color

**Android(4281693440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	357500
RGB	53, 117, 0
RGB Percent	21%, 46%, 0%
CMY	0.7922, 0.5412, 1.0000
CMYK	0.55, 0.00, 1.00, 0.54
HSL	93°, 100%, 23%
HSV	93°, 100%, 46%
XYZ	7.8295, 13.4795, 2.1891
YIQ	84.5260, -0.5870, -49.9550

# Conversions

## Conversions Part 2

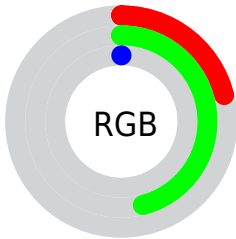
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 117, 64
Decimal	3503360
CIELab	43.48, -38.81, 48.16
CIELCh	43, 61.855, 128.863
Yxy	13.4795, 0.3332, 0.5736
Android (android.graphics.Color)	4281693440 (0xFF357500)
YUV	84.5260, -41.6713, -27.6483
Hunter-Lab	36.7144, -26.1844, 22.1648

# Details

The Android color `4281693440` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282384501`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285311549`, and `4278207488` is the 20% darker color. If you saturate the color by 10%, you get `4281693440`, and if you desaturate by 10%, it is `4282086668`.

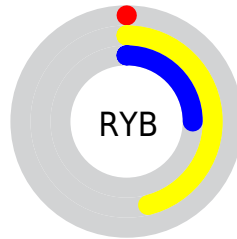
# Distribution



Red (21%)

Green (46%)

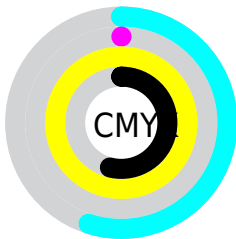
Blue (0%)



Red (0%)

Yellow (46%)

Blue (25%)

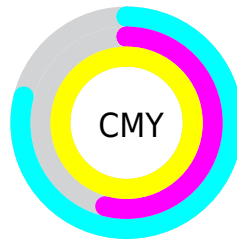


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (79%)

Magenta (54%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281693440 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 4281693440 by changing the saturation by 10% instead.



 4281693440

 4281693440

4294967293

 4279655424

 4285311549

 4278207488

 4287087959

 4278201600

 4288930161

 4278195200

 4290772620

 4278190080

 4292673447

 4294574019

 4294967264

 4281693440

 4282086668

 4282545431

 4282938659

 4283397423

 4283790651

 4284183878

 4284642642

 4285035870

 4285494633

# Harmonies

## Analogous

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



4285491456



4281693440



4278221631

# Triad

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



4281693440



4278220487



4290783322

# Complementary

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



4281693440



4282384501

# 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.



4289607053



4281693440



4278216909

# Square

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



4281693440



4278221990



4286206391



4290198825

# Rectangle

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



4281693440



4278222179



4286206391



4290586987



# Sweetspot

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



4281693440



4286617963



4285873664



4282207537



4291611852



4283256141



# Same Dimension

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



4281693440



4282751232



4278220036



4281809717



4281825792



4285659648



# Inverse Universe

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



4282384501



4283695257



4285857905



4281873723



4282581114



4287168762



# Previews

## White Background



This preview shows how the Android color 4281693440 looks on a white background.

## Color Contrast Check

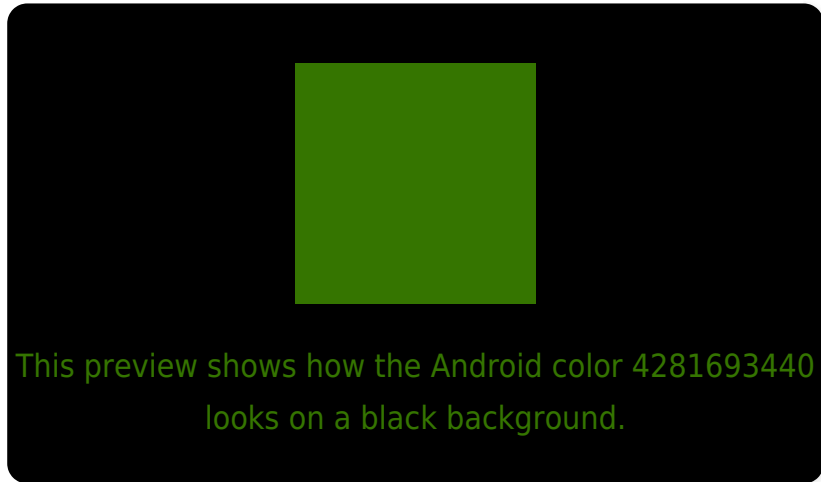
Large Text (above 18pt) WCAG AA ✓ Pass

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

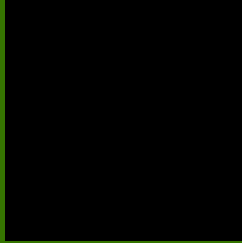
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281693440 Background



This preview shows how black text looks on a background with the Android color 4281693440.



This preview shows how white text looks on a background with the Android color 4281693440.

# 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**  
4281693440

**Protanopia**  
4285818624

**Deuteranopia**  
4286669080



# Trichromacy



**Original Color**  
4281693440

**Protanomaly**  
4284312576

**Deuteranomaly**  
4284835855

**Tritanomaly**  
4282413131

# Monochromacy



**Original Color**  
4281693440

**Achromatopsia**  
4283782485

**Achromatomaly**  
4282999094

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281693440 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(53, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(53, 117, 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(53, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 117, 0) }
```

## Border

The CSS property to change the border of an element to Android 4281693440 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(53, 117, 0) }
```

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

```
.border{ border-color:rgb(53, 117, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(53, 117, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281693440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 117, 0) }
```

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

```
.background{ background-color: rgb(53, 117,  
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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