

# Converting Colors

Android(4284707072)

Have a look what the booklet for  
Android(4284707072) contains.

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**Color**

**Android(4284707072)**

# Conversions

## Conversions Part 1

Format	Color
Hex	637100
RGB	99, 113, 0
RGB Percent	39%, 44%, 0%
CMY	0.6118, 0.5569, 1.0000
CMYK	0.12, 0.00, 1.00, 0.56
HSL	67°, 100%, 22%
HSV	67°, 100%, 44%
XYZ	11.0507, 14.4629, 2.2092
YIQ	95.9320, 27.9290, -38.1110

# Conversions

## Conversions Part 2

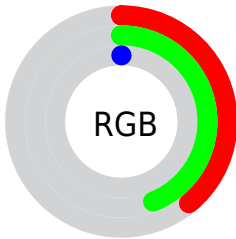
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 113, 14
Decimal	6516992
CIELab	44.89, -18.42, 50.43
CIElCh	45, 53.691, 110.063
Yxy	14.4629, 0.3986, 0.5217
Android (android.graphics.Color)	4284707072 (0xFF637100)
YUV	95.9320, -47.2945, 2.6906
Hunter-Lab	38.0301, -14.6845, 23.1769

# Details

The Android color `4284707072` is a dark color, and the websafe version is hex `666600`. A complement of this color would be `4279107697`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4288259390`, and `4281352448` is the 20% darker color. If you saturate the color by 10%, you get `4284707072`, and if you desaturate by 10%, it is `4284772619`.

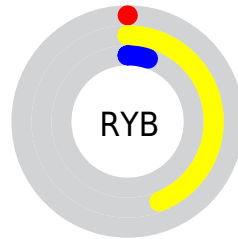
# Distribution



Red (39%)

Green (44%)

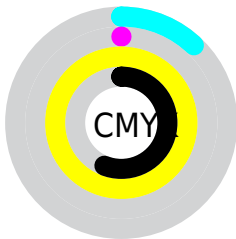
Blue (0%)



Red (0%)

Yellow (44%)

Blue (5%)

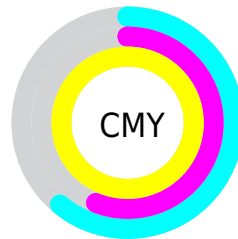


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (61%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284707072 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 4284707072 by changing the saturation by 10% instead.





4284707072



4284707072

4294967293



4282996992



4288259390



4281352448



4290101336



4279642880



4291943538



4278196480



4293916812



4278190080



4294967208



4294967236



4294967264



4284707072

■ 4284772619

■ 4284903703

■ 4284969250

■ 4285100333

■ 4285165881

■ 4285231428

■ 4285362511

■ 4285428058

■ 4285559142

# Harmonies

## Analogous

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



4287390464



4284707072



4280842796

# Triad

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



4284707072



4278221998



4289937019

# Complementary

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



4284707072



4279107697

# 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.



4287713444



4284707072



4278219971

# Square

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



4284707072



4278222728



4283065791



4290395982

# Rectangle

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



4284707072



4278222154



4283065791



4289414026



# Sweetspot

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



4284707072



4287534184



4285598976



4282862127



4291414473



4283058762



# Same Dimension

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



4284707072



4286747648



4281037056



4281808946



4285102080



4292474624



# Inverse Universe

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



4279107697



4279369876



4282777713



4281545272



4279173240



4280221943



# Previews

## White Background



This preview shows how the Android color 4284707072 looks on a white background.

## Color Contrast Check

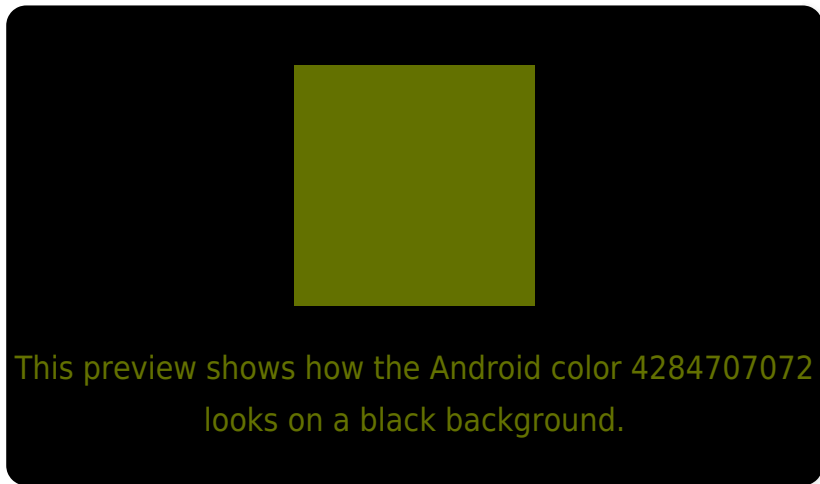
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284707072 Background



This preview shows how black text looks on a background with the Android color 4284707072.



This preview shows how white text looks on a background with the Android color 4284707072.

# 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**


4284707072

**Protanopia**

4286081536

**Deuteranopia**

4286997779



**Tritanopia**  
4285294961

# Trichromacy



**Original Color**  
4284707072

**Protanomaly**  
4285558016

**Deuteranomaly**  
4286146828

**Tritanomaly**  
4285099080

# Monochromacy



**Original Color**  
4284707072

**Achromatopsia**  
4284506208

**Achromatomaly**  
4284573245

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284707072 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(99, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(99, 113, 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(99, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 113, 0) }
```

## Border

The CSS property to change the border of an element to Android 4284707072 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(99, 113, 0) }
```

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

```
.border{ border-color:rgb(99, 113, 0) }
```

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

Here you see how a box with a 4 pixel rgb(99, 113, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 113, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 113, 0);  
box-shadow:4px 4px 4px 4px rgb(99, 113, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284707072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 113, 0) }
```

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

```
.background{ background-color: rgb(99, 113,  
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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