

# Converting Colors

Android(4284760834)

Have a look what the booklet for  
Android(4284760834) contains.

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**Color**

**Android(4284760834)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	644302
RGB	100, 67, 2
RGB Percent	39%, 26%, 1%
CMY	0.6078, 0.7373, 0.9922
CMYK	0.00, 0.33, 0.98, 0.61
HSL	40°, 96%, 20%
HSV	40°, 98%, 39%
XYZ	7.2736, 6.7280, 0.9727
YIQ	69.4570, 40.5330, -13.2190

# Conversions

## Conversions Part 2

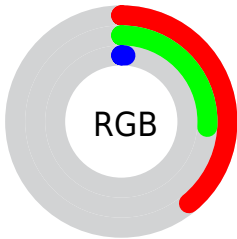
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 100, 2
Decimal	6570754
CIE Lab	31.18, 8.92, 39.85
CIE LCh	31, 40.831, 77.382
Yxy	6.7280, 0.4857, 0.4493
Android (android.graphics.Color)	4284760834 (0xFF644302)
YUV	69.4570, -33.2563, 26.7862
Hunter-Lab	25.9384, 4.6627, 15.9335

# Details

The Android color **4284760834** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **4278330212**, and the grayscale version is **4282795590**.

A 20% lighter version of the original color is **4288377652**, and **4281341952** is the 20% darker color. If you saturate the color by 10%, you get **4284760576**, and if you desaturate by 10%, it is **4284761612**.

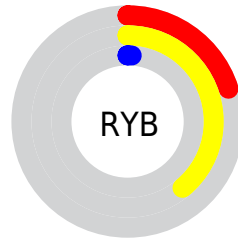
# Distribution



Red (39%)

Green (26%)

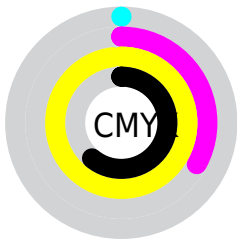
Blue (1%)



Red (20%)

Yellow (39%)

Blue (1%)

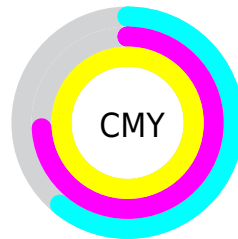


Cyan (0%)

Magenta (33%)

Yellow (98%)

Black (61%)



Cyan (61%)

Magenta (74%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284760834 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 4284760834 by changing the saturation by 10% instead.





4284760834



4284760834



4294967277



4283051264



4288377652



4281341952



4290219085



4279762944



4292126565



4278190080



4294099583



4294958746



4294965941



4294967249



4284760834



4284760834

■ 4284760576

■ 4284761612

■ 4284762646

■ 4284763424

■ 4284764202

■ 4284765236

■ 4284766014

■ 4284767048

■ 4284767826

■ 4284768604

# Harmonies

## Analogous

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



4286133531



4284760834



4282862849

# Triad

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



4284760834



4278212700



4284627061

# Complementary

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



4284760834



4278330212

# 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.



4281091975



4284760834



4278212216

# Square

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



4284760834



4278212410



4278210952



4286327640

# Rectangle

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



4284760834



4281291281



4278210952



4283710844



# Sweetspot

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



4284760834



4286739804



4284744228



4282530347



4290953922



4282532418



# Same Dimension

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



4284760834



4286731776



4283786242



4281545006



4285746176



4294091008



# Inverse Universe

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



4278330212



4278201474



4279304804



4281217075



4278200179

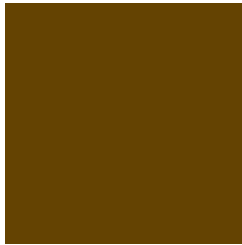


4278211314



# Previews

## White Background



This preview shows how the Android color 4284760834 looks on a white background.

## Color Contrast Check

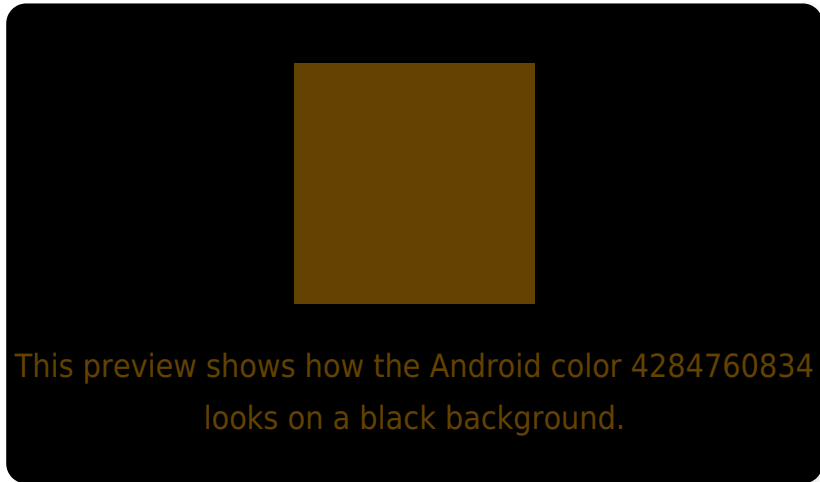
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284760834 Background



This preview shows how black text looks on a background with the Android color 4284760834.



This preview shows how white text looks on a background with the Android color 4284760834.

# 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**

4284760834

**Protanopia**

4283648519

**Deuteranopia**

4284302848



# Trichromacy



**Original Color**  
4284760834

**Protanomaly**  
4284040965

**Deuteranomaly**  
4284499201

**Tritanomaly**  
4284891179

# Monochromacy



**Original Color**  
4284760834

**Achromatopsia**  
4282729797

**Achromatomaly**  
4283450413

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284760834 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(100, 67, 2)` looks like.

```
.text, #text, p{  
    color:rgb(100, 67, 2)  
}
```

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(100, 67, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 67, 2) }
```

## Border

The CSS property to change the border of an element to Android 4284760834 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(100, 67, 2) }
```

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

```
.border{ border-color:rgb(100, 67, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 67, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 67, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 67, 2);  
box-shadow:4px 4px 4px 4px rgb(100, 67, 2)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284760834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 67, 2) }
```

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

```
.background{ background-color: rgb(100, 67,  
2) }
```

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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