

# Converting Colors

Android(4290403344)

Have a look what the booklet for  
Android(4290403344) contains.

<b>Android(4290403344)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4290403344)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA5C10
RGB	186, 92, 16
RGB Percent	73%, 36%, 6%
CMY	0.2706, 0.6392, 0.9373
CMYK	0.00, 0.51, 0.91, 0.27
HSL	27°, 84%, 40%
HSV	27°, 91%, 73%
XYZ	24.1704, 18.1308, 2.7159
YIQ	111.4420, 80.4200, -3.7080

# Conversions

## Conversions Part 2

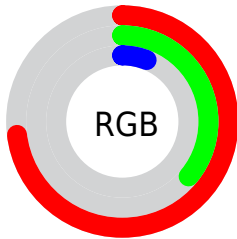
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 153, 16
Decimal	12213264
CIELab	49.65, 33.78, 54.76
CIElCh	50, 64.343, 58.329
Yxy	18.1308, 0.5369, 0.4028
Android (android.graphics.Color)	4290403344 (0xFFBA5C10)
YUV	111.4420, -47.0529, 65.3874
Hunter-Lab	42.5803, 26.8087, 26.0245

# Details

The Android color `4290403344` is a dark color, and the websafe version is hex `CC6600`. A complement of this color would be `4279267002`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4294479942`, and `4286458624` is the 20% darker color. If you saturate the color by 10%, you get `4290401024`, and if you desaturate by 10%, it is `4290405923`.

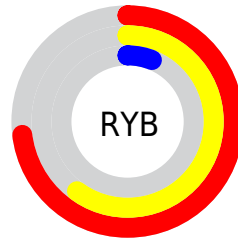
# Distribution



Red (73%)

Green (36%)

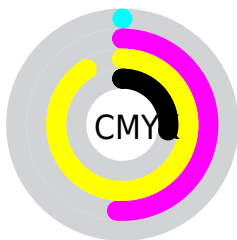
Blue (6%)



Red (73%)

Yellow (60%)

Blue (6%)

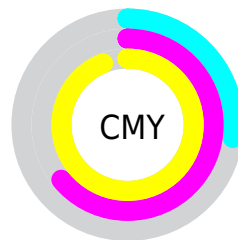


Cyan (0%)

Magenta (51%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (64%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290403344 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 4290403344 by changing the saturation by 10% instead.





4290403344



4290403344

4294967295



4288430848



4294479942



4286458624



4294945631



4284486144



4294952570



4282646528



4294960020



4281073665



4294967216



4278190080



4294967244



4294967272



4290403344



4290403344

■ 4290401024

■ 4290405923

■ 4290408757

■ 4290411336

■ 4290413914

■ 4290416493

■ 4290419328

■ 4290421906

■ 4290424485

■ 4290427319

# Harmonies

## Analogous

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



4292035142



4290403344



4287722240

# Triad

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



4290403344



4278226545



4285229527

# Complementary

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



4290403344



4279267002

# 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.



4278222564



4290403344



4278226601

# Square

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



4290403344



4278225464



4278225619



4290006448

# Rectangle

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



4290403344



4285496832



4278225619



4282347999



# Sweetspot

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



4290403344



4294102705



4290383984



4286211411



4294638330



4286216826



# Same Dimension

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



4290403344



4294077440



4290424592



4284241747



4288431616



4280028416



# Inverse Universe

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



4279267002



4278224626



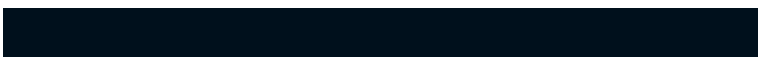
4279245754



4283652188



4278212252



4278194204



# Previews

## White Background



This preview shows how the Android color 4290403344 looks on a white background.

## Color Contrast Check

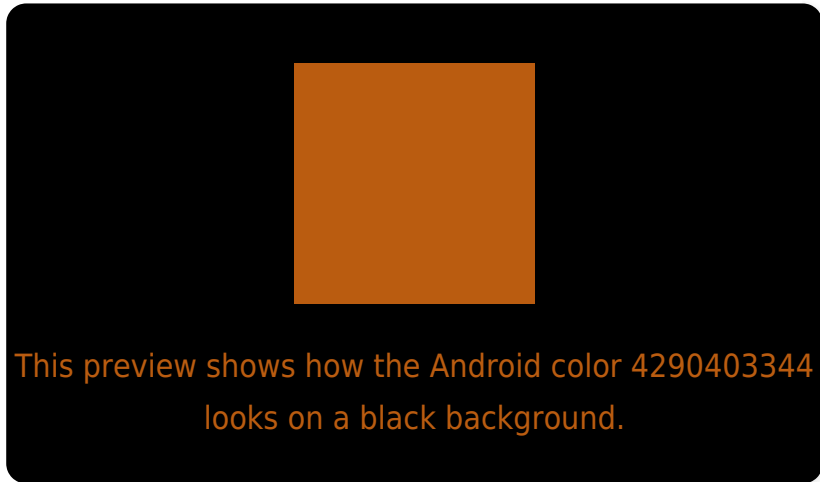
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4290403344 Background



This preview shows how black text looks on a background with the Android color 4290403344.



This preview shows how white text looks on a background with the Android color 4290403344.

# 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



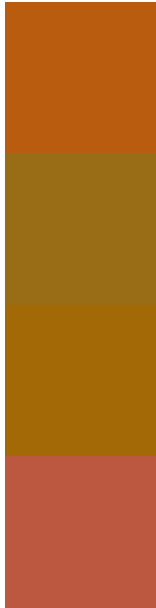
**Original Color**  
4290403344

**Protanopia**  
4287002392

**Deuteranopia**  
4288049408



# Trichromacy



**Original Color**  
4290403344

**Protanomaly**  
4288245013

**Deuteranomaly**  
4288899334

**Tritanomaly**  
4290533440

# Monochromacy



**Original Color**  
4290403344

**Achromatopsia**  
4285493103

**Achromatomaly**  
4287260748

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290403344 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(186, 92, 16)` looks like.

```
.text, #text, p{  
    color:rgb(186, 92, 16)  
}
```

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(186, 92, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 92, 16) }
```

## Border

The CSS property to change the border of an element to Android 4290403344 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(186, 92, 16) }
```

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

```
.border{ border-color:rgb(186, 92, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 92, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 92, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 92, 16);  
box-shadow:4px 4px 4px 4px rgb(186, 92,  
16) }
```

# Background

The CSS property to change the background color of an element to Android 4290403344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 92, 16) }
```

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

```
.background{ background-color: rgb(186, 92,  
16) }
```

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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