

Converting Colors

Android(4290863654)

Have a look what the booklet for
Android(4290863654) contains.

Android(4290863654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4290863654)

Conversions

Conversions Part 1

Format	Color
Hex	C16226
RGB	193, 98, 38
RGB Percent	76%, 38%, 15%
CMY	0.2431, 0.6157, 0.8510
CMYK	0.00, 0.49, 0.80, 0.24
HSL	23°, 67%, 45%
HSV	23°, 80%, 76%
XYZ	26.7099, 20.2128, 4.3274
YIQ	119.5650, 75.8800, 1.4800

Conversions

Conversions Part 2

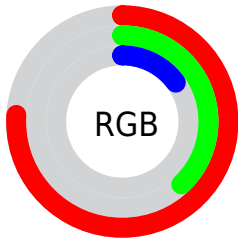
Format	Color
RYB	193, 136, 38
Decimal	12673574
CIELab	52.08, 34.07, 49.12
CIELCh	52, 59.779, 55.257
Yxy	20.2128, 0.5212, 0.3944
Android (android.graphics.Color)	4290863654 (0xFFC16226)
YUV	119.5650, -40.2115, 64.4025
Hunter-Lab	44.9586, 27.3691, 25.7642

Details

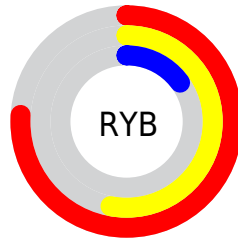
The Android color **4290863654** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **4280714689**, and the grayscale version is **4286085240**.

A 20% lighter version of the original color is **4294940248**, and **4286918912** is the 20% darker color. If you saturate the color by 10%, you get **4290860563**, and if you desaturate by 10%, it is **4290866745**.

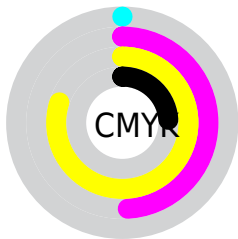
Distribution



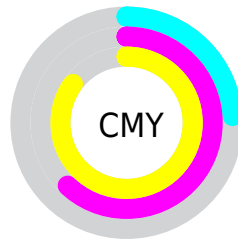
- Red (76%)
- Green (38%)
- Blue (15%)



- Red (76%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (80%)
- Black (24%)



- Cyan (24%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290863654 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 4290863654 by changing the saturation by 10% instead.



4290863654



4290863654

4294967295



4288891147



4294940248



4286918912



4294947185



4285011968



4294954379



4283105280



4294961830



4281401344



4294967234



4278190080



4294967262



4294967291



4290863654



4290863654

■ 4290860563

■ 4290866745

■ 4290857728

■ 4290869837

■ 4290872672

■ 4290875763

■ 4290878855

■ 4290881946

■ 4290885037

■ 4290888128

■ 4290890964

Harmonies

Analogous

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



4292234580



4290863654



4288444160

Triad

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



4290863654



4278227826



4285231833

Complementary

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



4290863654



4280714689

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.



4278224355



4290863654



4278228135

Square

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



4290863654



4279799614



4278226896



4289878711

Rectangle

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



4290863654



4286349824



4278226896



4282481120

Sweetspot

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



4290863654



4294628798



4290848390



4286408537



4294769916



4286414205

Same Dimension

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



4290863654



4294600458



4290883366



4284570455



4288757248



4280356096

Inverse Universe

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



4280714689



4278885882



4280694977



4283915617



4278215329



4278195233

Previews

White Background



This preview shows how the Android color 4290863654 looks on a white background.

Color Contrast Check

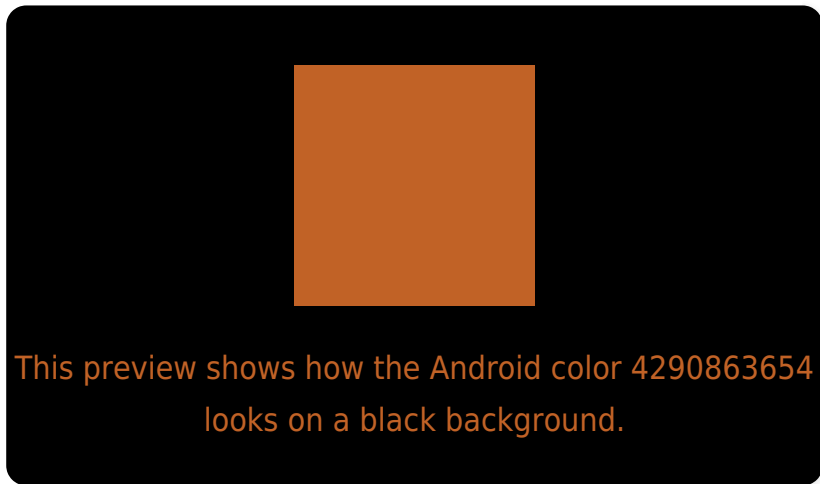
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 4290863654 Background



This preview shows how black text looks on a background with the Android color 4290863654.



This preview shows how white text looks on a background with the Android color 4290863654.

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
4290863654

Protanopia
4287331629

Deuteranopia
4288509470

Trichromacy



Original Color
4290863654

Protanomaly
4288639786

Deuteranomaly
4289359649

Tritanomaly
4290993740

Monochromacy



Original Color
4290863654

Achromatopsia
4286085240

Achromatomaly
4287852634

CSS Examples

Text

The CSS property to change the color of the text to Android 4290863654 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(193, 98, 38)` looks like.

```
.text, #text, p{  
    color:rgb(193, 98, 38)  
}
```

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(193, 98, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 98, 38) }
```

Border

The CSS property to change the border of an element to Android 4290863654 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(193, 98, 38) }
```

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

```
.border{ border-color:rgb(193, 98, 38) }
```

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

Here you see how a box with a 4 pixel rgb(193, 98, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 98, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 98, 38);  
box-shadow:4px 4px 4px 4px rgb(193, 98,  
38) }
```

Background

The CSS property to change the background color of an element to Android 4290863654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 98, 38) }
```

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

```
.background{ background-color: rgb(193, 98,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor