

# Converting Colors

Android(4290153276)

Have a look what the booklet for  
Android(4290153276) contains.

<b>Android(4290153276)</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(4290153276)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B68B3C
RGB	182, 139, 60
RGB Percent	71%, 55%, 24%
CMY	0.2863, 0.4549, 0.7647
CMYK	0.00, 0.24, 0.67, 0.29
HSL	39°, 50%, 47%
HSV	39°, 67%, 71%
XYZ	29.3396, 28.7366, 8.2753
YIQ	142.8510, 50.9870, -15.4530

# Conversions

## Conversions Part 2

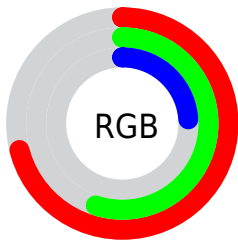
Format	Color
<a href="#">RYB</a>	<a href="#">126, 182, 60</a>
Decimal	<a href="#">11963196</a>
CIELab	<a href="#">60.55, 7.97, 47.26</a>
CIELCh	<a href="#">61, 47.929, 80.433</a>
Yxy	<a href="#">28.7366, 0.4422, 0.4331</a>
Android (android.graphics.Color)	<a href="#">4290153276</a> ( <a href="#">0xFFB68B3C</a> )
YUV	<a href="#">142.8510, -40.8455, 34.3337</a>
Hunter-Lab	<a href="#">53.6065, 3.8843, 28.3719</a>

# Details

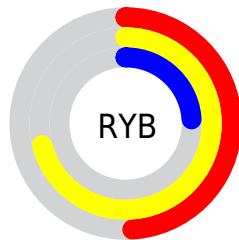
The Android color `4290153276` is a dark color, and the websafe version is hex `CC9933`. A complement of this color would be `4282148790`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4294033519`, and `4286404868` is the 20% darker color. If you saturate the color by 10%, you get `4290151722`, and if you desaturate by 10%, it is `4290154830`.

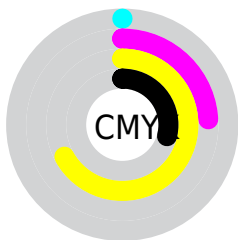
# Distribution



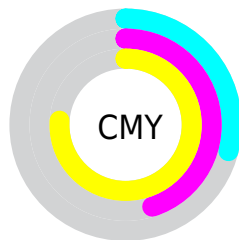
- Red (71%)
- Green (55%)
- Blue (24%)



- Red (49%)
- Yellow (71%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (67%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290153276 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 4290153276 by changing the saturation by 10% instead.





4290153276



4290153276

4294967295



4288246307



4294033519



4286404868



4294958217



4284629504



4294965668



4282854400



4294967232



4281145344



4294967260



4279500800



4294967289



4278190080



4290153276



4290153276



4290151722



4290154830

■ 4290149912

■ 4290156640

■ 4290148357

■ 4290158195

■ 4290147840

■ 4290160005

■ 4290161559

■ 4290163113

■ 4290164923

■ 4290166478

■ 4290168288

# Harmonies

## Analogous

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



4292049746



4290153276



4287535423

# Triad

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



4290153276



4278233006



4290345928

# Complementary

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



4290153276



4282148790

# 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.



4286483681



4290153276



4278232018

# Square

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



4290153276



4278232707



4278229989



4292439969

# Rectangle

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



4290153276



4285439823



4278229989



4289233363



# Sweetspot

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



4290153276



4293778622



4290133097



4286082651



4294440951



4286085240



# Same Dimension

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



4290153276



4293765679



4289115708



4284242259



4288439552



4280029696



# Inverse Universe

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



4282148790



4281299693



4283186358



4283651676



4278204316



4278192668



# Previews

## White Background



This preview shows how the Android color 4290153276 looks on a white background.

## Color Contrast Check

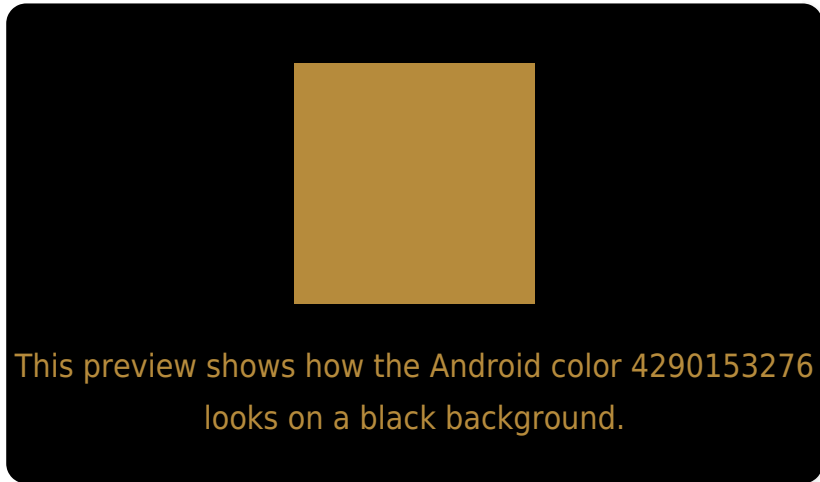
Large Text (above 18pt) WCAG AA ✓ Pass

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

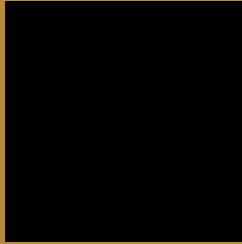
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Android 4290153276 Background



This preview shows how black text looks on a background with the Android color 4290153276.



This preview shows how white text looks on a background with the Android color 4290153276.

# 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**  
4290153276

**Protanopia**  
4288910142

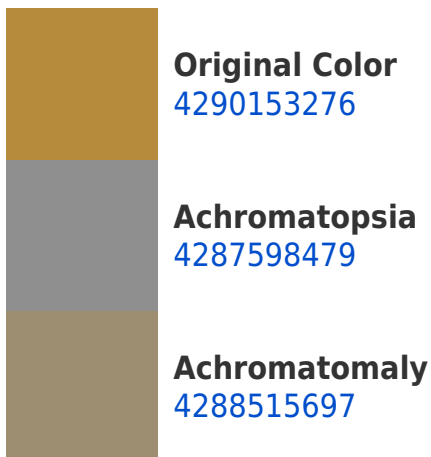
**Deuteranopia**  
4290153276



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290153276 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(182, 139, 60)` looks like.

```
.text, #text, p{  
    color:rgb(182, 139, 60)  
}
```

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(182, 139, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 139, 60) }
```

## Border

The CSS property to change the border of an element to Android 4290153276 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(182, 139, 60) }
```

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

```
.border{ border-color:rgb(182, 139, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 139, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 139, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 139, 60);  
box-shadow:4px 4px 4px 4px rgb(182, 139,  
60) }
```

# Background

The CSS property to change the background color of an element to Android 4290153276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 139, 60) }
```

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

```
.background{ background-color: rgb(182,  
139, 60) }
```

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