

# Converting Colors

Android(4280362526)

Have a look what the booklet for  
Android(4280362526) contains.

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# **Color**

**Android(4280362526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21261E
RGB	33, 38, 30
RGB Percent	13%, 15%, 12%
CMY	0.8706, 0.8510, 0.8824
CMYK	0.13, 0.00, 0.21, 0.85
HSL	97°, 12%, 13%
HSV	97°, 21%, 15%
XYZ	1.5547, 1.8033, 1.4944
YIQ	35.5930, -0.4120, -3.5480

# Conversions

## Conversions Part 2

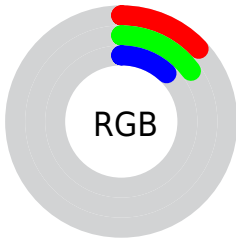
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 38, 35
Decimal	2172446
CIELab	14.42, -4.20, 4.56
CIELCh	14, 6.198, 132.606
Yxy	1.8033, 0.3204, 0.3716
Android (android.graphics.Color)	4280362526 (0xFF21261E)
YUV	35.5930, -2.7573, -2.2741
Hunter-Lab	13.4287, -2.8350, 2.8019

# Details

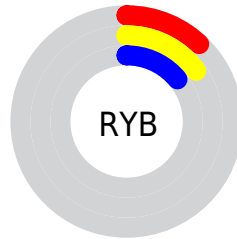
The Android color **4280362526** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280491558**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4283257674**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280231450**, and if you desaturate by 10%, it is **4280493602**.

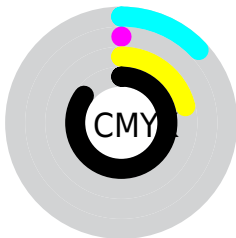
# Distribution



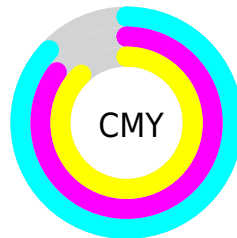
- Red (13%)
- Green (15%)
- Blue (12%)



- Red (12%)
- Yellow (15%)
- Blue (14%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (85%)



- Cyan (87%)
- Magenta (85%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280362526 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 4280362526 by changing the saturation by 10% instead.





4280362526



4280362526

4294967295



4278849797



4283257674



4278190080



4284836705



4286481530



4288192148



4289968559



4291745226



4293587430



4280362526



4280362526

■ 4280231450

■ 4280493602

■ 4280034838

■ 4280690214

■ 4279903763

■ 4280821289

■ 4279772687

■ 4281017901

■ 4279576075

■ 4281148977

■ 4279444999

■ 4281280053

■ 4279248387

■ 4281476665

■ 4279117312

■ 4281607740

■ 4281738816

# Harmonies

## Analogous

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



4280689948



4280362526



4280035106

# Triad

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



4280362526



4280100397



4281213219

# Complementary

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



4280362526



4280491558

# 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.



4281082407



4280362526



4280427565

# Square

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



4280362526



4279838506



4280820523



4281147935

# Rectangle

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



4280362526



4279904037



4280820523



4281147684



# Sweetspot

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



4280362526



4281282606



4280689438



4279769624



4288256409



4279900698



# Same Dimension

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



4280362526



4280889380



4280165919



4279308816



4280242688



4283355392



# Inverse Universe

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



4280491558



4281082928



4280688165



4279308306



4281532498

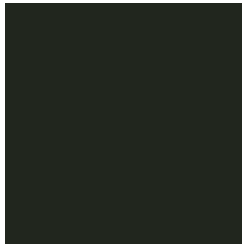


4286775505



# Previews

## White Background



This preview shows how the Android color 4280362526 looks on a white background.

## Color Contrast Check

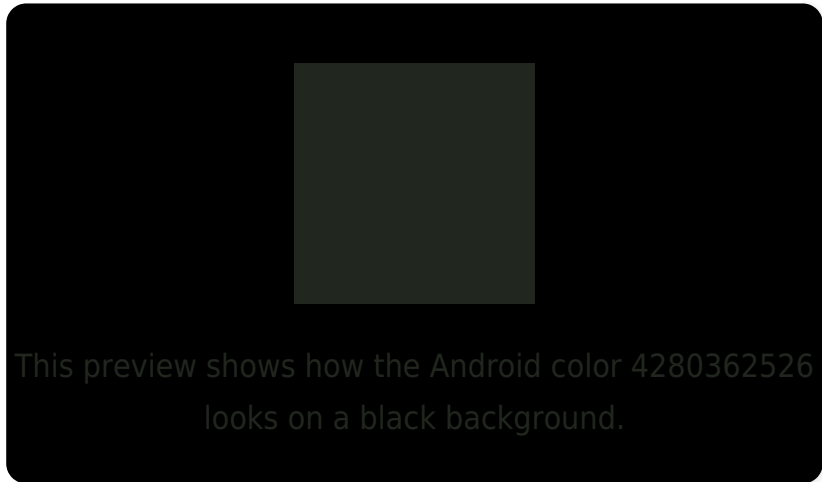
Large Text (above 18pt) WCAG AA ✓ Pass

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

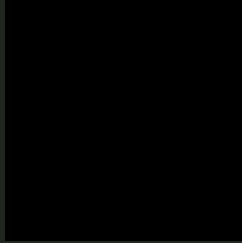
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280362526 Background



This preview shows how black text looks on a background with the Android color 4280362526.

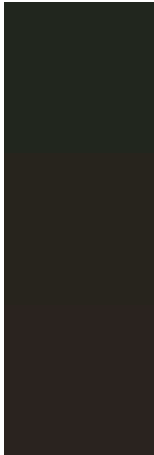


This preview shows how white text looks on a background with the Android color 4280362526.

# 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**  
4280362526

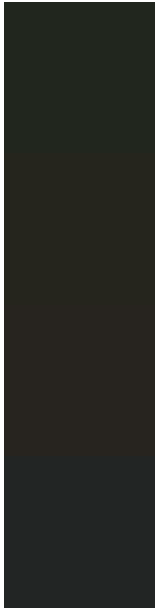
**Protanopia**  
4280755229

**Deuteranopia**  
4280951583



**Tritanopia**  
4280427816

# Trichromacy



**Original Color**

4280362526

**Protanomaly**

4280624413

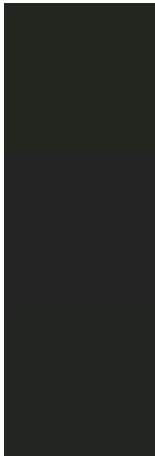
**Deuteranomaly**

4280755231

**Tritanomaly**

4280427812

# Monochromacy



**Original Color**

4280362526

**Achromatopsia**

4280558628

**Achromatomaly**

4280493346

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280362526 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(33, 38, 30)` looks like.

```
.text, #text, p{  
    color:rgb(33, 38, 30)  
}
```

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(33, 38, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 38, 30) }
```

## Border

The CSS property to change the border of an element to Android 4280362526 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(33, 38, 30) }
```

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

```
.border{ border-color:rgb(33, 38, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 38, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 38, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 38, 30);  
box-shadow:4px 4px 4px 4px rgb(33, 38, 30)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280362526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 38, 30) }
```

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

```
.background{ background-color: rgb(33, 38,  
30) }
```

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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