

# Converting Colors

Android(4281091125)

Have a look what the booklet for  
Android(4281091125) contains.

|  |    |
|--|----|
| <b>Android(4281091125)</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(4281091125)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 2C4435                    |
| RGB         | 44, 68, 53                |
| RGB Percent | 17%, 27%, 21%             |
| CMY         | 0.8275, 0.7333, 0.7922    |
| CMYK        | 0.35, 0.00, 0.22, 0.73    |
| HSL         | 142°, 21%, 22%            |
| HSV         | 142°, 35%, 27%            |
| XYZ         | 3.7484, 4.9268, 4.1216    |
| YIQ         | 59.1140, -9.4890, -9.7530 |

# Conversions

## Conversions Part 2

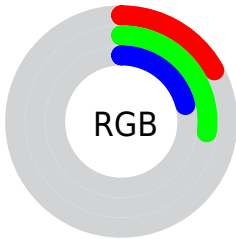
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 44, 61, 68                    |
| Decimal                             | 2901045                       |
| CIE Lab                             | 26.53, -13.11, 6.17           |
| CIE LCh                             | 27, 14.483, 154.802           |
| Yxy                                 | 4.9268, 0.2929,<br>0.3850     |
| Android<br>(android.graphics.Color) | 4281091125<br>(0xFF2C4435)    |
| YUV                                 | 59.1140, -3.0142,<br>-13.2550 |
| Hunter-Lab                          | 22.1963, -8.6991,<br>4.5281   |

# Details

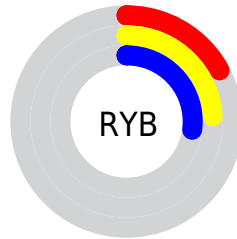
The Android color **4281091125** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282657851**, and the grayscale version is **4282071867**.

A 20% lighter version of the original color is **4284118116**, and **4278196744** is the 20% darker color. If you saturate the color by 10%, you get **4280632369**, and if you desaturate by 10%, it is **4281549881**.

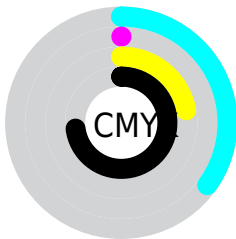
# Distribution



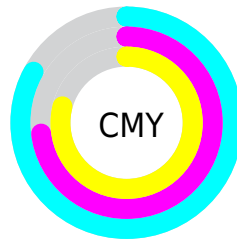
- Red (17%)
- Green (27%)
- Blue (21%)



- Red (17%)
- Yellow (24%)
- Blue (27%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (73%)



- Cyan (83%)
- Magenta (73%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281091125 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 4281091125 by changing the saturation by 10% instead.





4281091125



4281091125

4294967295



4279643680



4284118116



4278196744



4285763196



4278190080



4287473814



4289250481



4291027148



4292869353



4294770687



4281091125



4281091125

■ 4280632369

■ 4281549881

■ 4280173613

■ 4282008638

■ 4279780392

■ 4282401858

■ 4279321636

■ 4282860614

■ 4278862880

■ 4283319370

■ 4278404124

■ 4283778126

■ 4278207514

■ 4284236883

■ 4284630103

■ 4285088859

# Harmonies

## Analogous

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



4281942572



4281091125



4280304960

# Triad

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



4281091125



4281548629



4283709491

# Complementary

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



4281091125



4282657851

# 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.



4283709245



4281091125



4282596177

# Square

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



4281091125



4280566354



4283316296



4283317035

# Rectangle

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



4281091125



4280042824



4283316296



4283774774



# Sweetspot

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



4281091125



4283390291



4282074156



4280823338



4289572269



4281216558



# Same Dimension

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



4281091125



4281620802



4281091137



4280164639



4278214948



4278247508



# Inverse Universe

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



4282657851



4284036171



4282657839



4280360480



4284547133

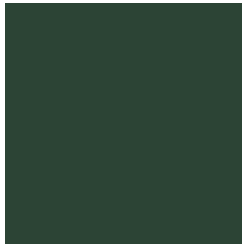


4292870284



# Previews

## White Background



This preview shows how the Android color 4281091125 looks on a white background.

## Color Contrast Check

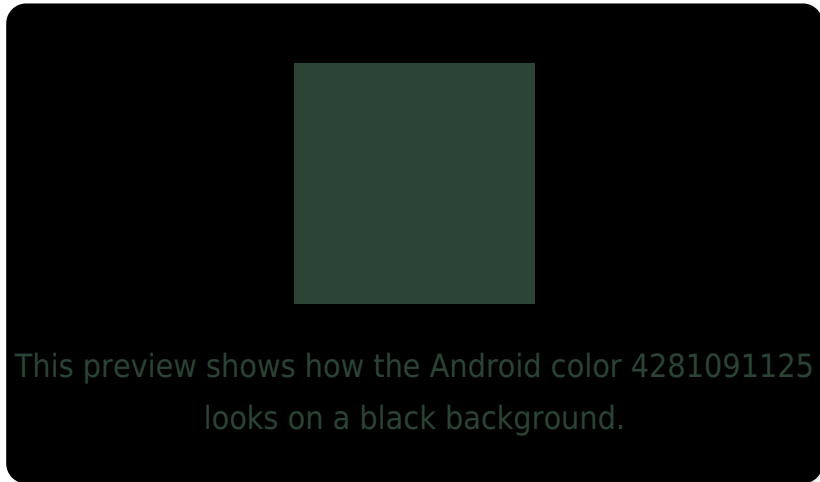
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281091125 Background



This preview shows how black text looks on a background with the Android color 4281091125.



This preview shows how white text looks on a background with the Android color 4281091125.

# 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



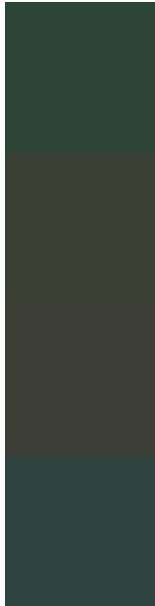
**Original Color**  
4281091125

**Protanopia**  
4282531378

**Deuteranopia**  
4282858551



# Trichromacy



**Original Color**

4281091125

**Protanomaly**

4282007603

**Deuteranomaly**

4282203958

**Tritanomaly**

4281287488

# Monochromacy



**Original Color**

4281091125

**Achromatopsia**

4282071867

**Achromatomaly**

4281744953

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281091125 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(44, 68, 53)` looks like.

```
.text, #text, p{  
    color:rgb(44, 68, 53)  
}
```

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(44, 68, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 68, 53) }
```

## Border

The CSS property to change the border of an element to Android 4281091125 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(44, 68, 53) }
```

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

```
.border{ border-color:rgb(44, 68, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 68, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 68, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 68, 53);  
box-shadow:4px 4px 4px 4px rgb(44, 68, 53)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281091125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 68, 53) }
```

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

```
.background{ background-color: rgb(44, 68,  
53) }
```

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