

Converting Colors

Android(4281093138)

Have a look what the booklet for
Android(4281093138) contains.

Android(4281093138)	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(4281093138)

Conversions

Conversions Part 1

Format	Color
Hex	2C4C12
RGB	44, 76, 18
RGB Percent	17%, 30%, 7%
CMY	0.8275, 0.7020, 0.9294
CMYK	0.42, 0.00, 0.76, 0.70
HSL	93°, 62%, 18%
HSV	93°, 76%, 30%
XYZ	3.7323, 5.7480, 1.4850
YIQ	59.8200, -0.4540, -24.8220

Conversions

Conversions Part 2

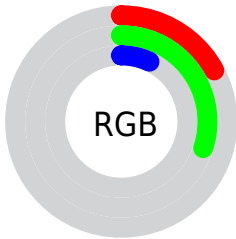
Format	Color
RYB	18, 76, 50
Decimal	2903058
CIELab	28.77, -23.02, 29.40
CIELCh	29, 37.338, 128.054
Yxy	5.7480, 0.3404, 0.5242
Android (android.graphics.Color)	4281093138 (0xFF2C4C12)
YUV	59.8200, -20.6173, -13.8741
Hunter-Lab	23.9750, -14.1682, 13.1101

Details

The Android color **4281093138** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4281471564**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4284316992**, and **4278198272** is the 20% darker color. If you saturate the color by 10%, you get **4280830986**, and if you desaturate by 10%, it is **4281355290**.

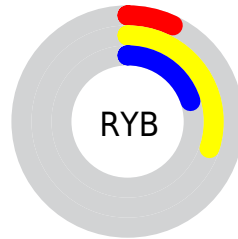
Distribution



Red (17%)

Green (30%)

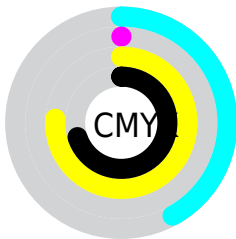
Blue (7%)



Red (7%)

Yellow (30%)

Blue (20%)

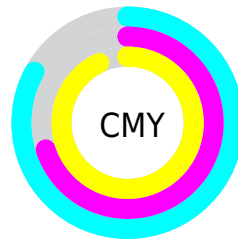


Cyan (42%)

Magenta (0%)

Yellow (76%)

Black (70%)



Cyan (83%)

Magenta (70%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281093138 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 4281093138 by changing the saturation by 10% instead.

 4281093138

 4281093138

 4294967290

 4279645440

 4284316992


 4278198272

 4285962072

 4278190080

 4287672945

 4289449611

 4291291814

 4293197761

 4294967261

 4281093138

 4281093138

■ 4280830986

■ 4281355290

■ 4280568835

■ 4281617441

■ 4280437760

■ 4281945129

■ 4282207280

■ 4282469432

■ 4282731584

■ 4282993735

■ 4283321423

■ 4283583574

Harmonies

Analogous

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



4283122945



4281093138



4278210605

Triad

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



4281093138



4278209913



4285998909

Complementary

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



4281093138



4281471564

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.



4285279322



4281093138



4278732157

Square

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



4281093138



4278210919



4283382130



4285738530

Rectangle

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



4281093138



4278210881



4283382130



4285933383

Sweetspot

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



4281093138



4283917133



4283183634



4281021221



4289967027



4281545523

Same Dimension

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



4281093138



4281426696



4279389205



4280559138



4281230848



4284999168

Inverse Universe

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



4281471564



4281993315



4283175497



4280623654



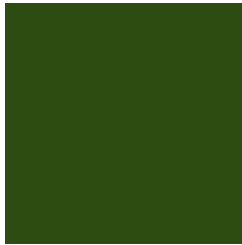
4281860198



4286513382

Previews

White Background



This preview shows how the Android color 4281093138 looks on a white background.

Color Contrast Check

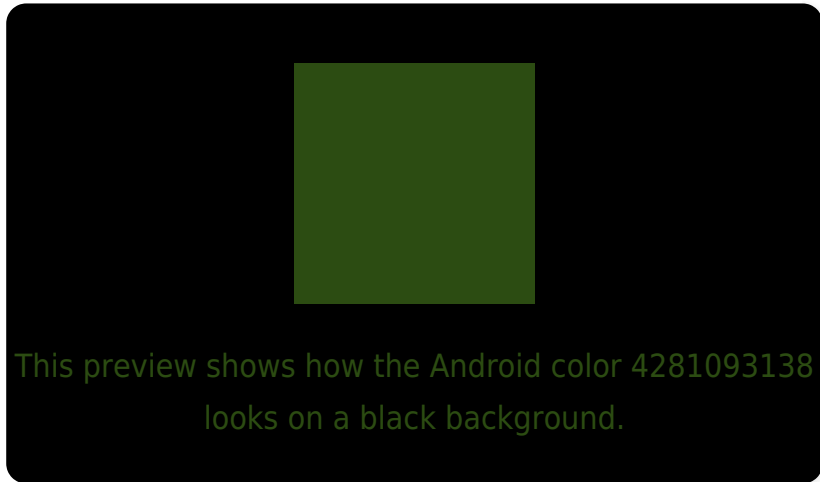
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281093138 Background



This preview shows how black text looks on a background with the Android color 4281093138.



This preview shows how white text looks on a background with the Android color 4281093138.

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](#).

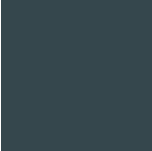
Dichromacy



Original Color
4281093138

Protanopia
4283188240

Deuteranopia
4283777047



Tritanopia
4281681741

Trichromacy



Original Color
4281093138

Protanomaly
4282402577

Deuteranomaly
4282795029

Tritanomaly
4281485624

Monochromacy



Original Color
4281093138

Achromatopsia
4282137660

Achromatomaly
4281745965

CSS Examples

Text

The CSS property to change the color of the text to Android 4281093138 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, 76, 18)` looks like.

```
.text, #text, p{  
    color:rgb(44, 76, 18)  
}
```

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, 76, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 76, 18) }
```

Border

The CSS property to change the border of an element to Android 4281093138 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, 76, 18) }
```

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

```
.border{ border-color:rgb(44, 76, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 76, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 76, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 76, 18);  
box-shadow:4px 4px 4px 4px rgb(44, 76, 18)  
}
```

Background

The CSS property to change the background color of an element to Android 4281093138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 76, 18) }
```

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

```
.background{ background-color: rgb(44, 76,  
18) }
```

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