

Converting Colors

Android(4281159704)

Have a look what the booklet for
Android(4281159704) contains.

Android(4281159704)	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(4281159704)

Conversions

Conversions Part 1

Format	Color
Hex	2D5018
RGB	45, 80, 24
RGB Percent	18%, 31%, 9%
CMY	0.8235, 0.6863, 0.9059
CMYK	0.44, 0.00, 0.70, 0.69
HSL	98°, 54%, 20%
HSV	98°, 70%, 31%
XYZ	4.1157, 6.3612, 1.8751
YIQ	63.1510, -2.8840, -24.8360

Conversions

Conversions Part 2

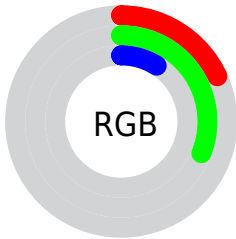
Format	Color
R_{YB}	24, 80, 59
Decimal	2969624
CIE _{Lab}	30.31, -24.02, 28.19
CIE _{LCh}	30, 37.033, 130.428
Yxy	6.3612, 0.3332, 0.5150
Android (android.graphics.Color)	4281159704 (0xFF2D5018)
YUV	63.1510, -19.3014, -15.9184
Hunter-Lab	25.2213, -15.0090, 13.2471

Details

The Android color **4281159704** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4282062928**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4284383814**, and **4278199040** is the 20% darker color. If you saturate the color by 10%, you get **4280832016**, and if you desaturate by 10%, it is **4281487392**.

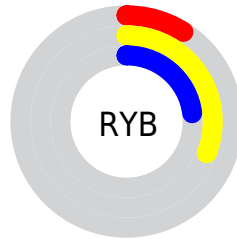
Distribution



Red (18%)

Green (31%)

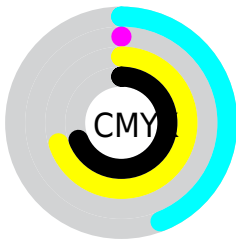
Blue (9%)



Red (9%)

Yellow (31%)

Blue (23%)

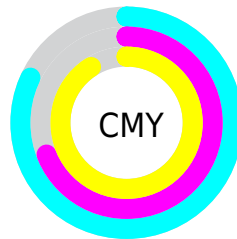


Cyan (44%)

Magenta (0%)

Yellow (70%)

Black (69%)



Cyan (82%)


Magenta (69%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281159704 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 4281159704 by changing the saturation by 10% instead.

 4281159704

 4281159704

4294967295

 4279646464

 4284383814

 4278199040

 4286028894

 4278190592

 4287805304


 4278190080


 4289581714

 4291358636

 4293263304

 4294967268

 4281159704

 4281159704

■ 4280832016

■ 4281487392

■ 4280504328

■ 4281815080

■ 4280176640

■ 4282142768

■ 4282470456

■ 4282798144

■ 4283125832

■ 4283453520

■ 4283781208

■ 4284108896

Harmonies

Analogous

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



4283255046



4281159704



4278211635

Triad

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



4281159704



4278210686



4286262334

Complementary

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



4281159704



4282062928

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.



4285607771



4281159704



4280043392

Square

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



4281159704



4278211692



4283841396



4285936419

Rectangle

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



4281159704



4278211911



4283841396



4286196552

Sweetspot

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



4281159704



4284180819



4283448088



4281153064



4290098613



4281742902

Same Dimension

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



4281159704



4281493777



4279783455



4280690981



4280772864



4283951104

Inverse Universe

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



4282062928



4282913129



4283439177



4280755497



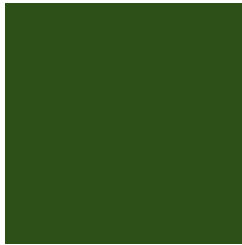
4282450025



4287693032

Previews

White Background



This preview shows how the Android color 4281159704 looks on a white background.

Color Contrast Check

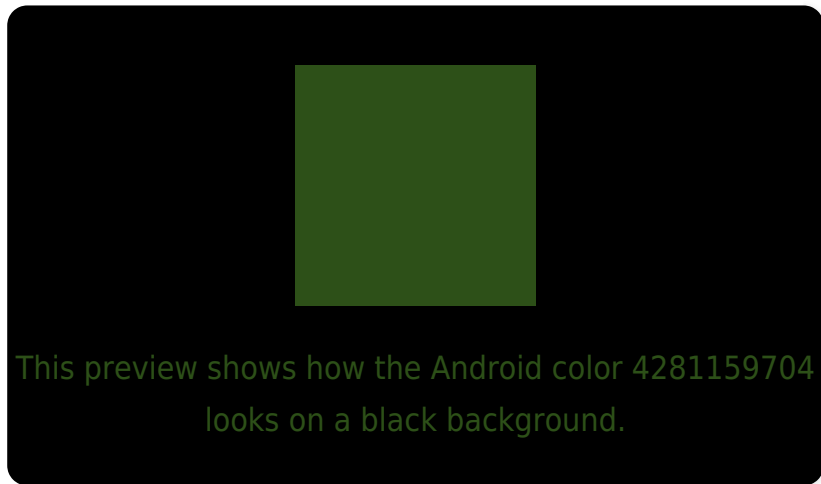
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281159704 Background



This preview shows how black text looks on a background with the Android color 4281159704.



This preview shows how white text looks on a background with the Android color 4281159704.

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
4281159704

Protanopia
4283451158

Deuteranopia
4284040220

Trichromacy



Original Color
4281159704

Protanomaly
4282599959

Deuteranomaly
4282992667

Tritanomaly
4281552188

Monochromacy



Original Color
4281159704

Achromatopsia
4282335039

Achromatomaly
4281877809

CSS Examples

Text

The CSS property to change the color of the text to Android 4281159704 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(45, 80, 24)` looks like.

```
.text, #text, p{  
    color:rgb(45, 80, 24)  
}
```

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(45, 80, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 80, 24) }
```

Border

The CSS property to change the border of an element to Android 4281159704 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(45, 80, 24) }
```

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

```
.border{ border-color:rgb(45, 80, 24) }
```

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

Here you see how a box with a 4 pixel rgb(45, 80, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 80, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 80, 24);  
box-shadow:4px 4px 4px 4px rgb(45, 80, 24)  
}
```

Background

The CSS property to change the background color of an element to Android 4281159704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 80, 24) }
```

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

```
.background{ background-color: rgb(45, 80,  
24) }
```

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