

Converting Colors

Android(4281423644)

Have a look what the booklet for
Android(4281423644) contains.

Android(4281423644)	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(4281423644)

Conversions

Conversions Part 1

Format	Color
Hex	31571C
RGB	49, 87, 28
RGB Percent	19%, 34%, 11%
CMY	0.8078, 0.6588, 0.8902
CMYK	0.44, 0.00, 0.68, 0.66
HSL	99°, 51%, 23%
HSV	99°, 68%, 34%
XYZ	4.8844, 7.5532, 2.2991
YIQ	68.9120, -3.7090, -26.4050

Conversions

Conversions Part 2

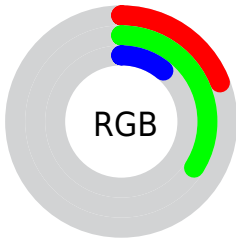
Format	Color
R_{YB}	28, 87, 66
Decimal	3233564
CIE _{Lab}	33.03, -25.46, 29.26
CIE _{LCh}	33, 38.790, 131.028
Yxy	7.5532, 0.3314, 0.5125
Android (android.graphics.Color)	4281423644 (0xFF31571C)
YUV	68.9120, -20.1696, -17.4628
Hunter-Lab	27.4831, -16.3716, 14.2783

Details

The Android color `4281423644` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4282522711`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4284647755`, and `4278266112` is the 20% darker color. If you saturate the color by 10%, you get `4281030419`, and if you desaturate by 10%, it is `4281816869`.

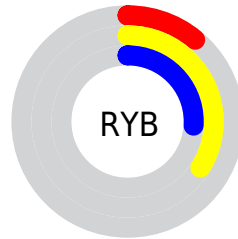
Distribution



Red (19%)

Green (34%)

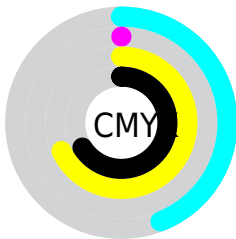
Blue (11%)



Red (11%)

Yellow (34%)

Blue (26%)

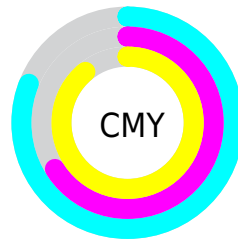


Cyan (44%)

Magenta (0%)

Yellow (68%)

Black (66%)



Cyan (81%)

Magenta (66%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281423644 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 4281423644 by changing the saturation by 10% instead.



4281423644



4281423644

4294967295



4279844612



4284647755



4278266112



4286358627



4278194944



4288135036



4278190080



4289911703



4291753906



4293590989



4294967274



4281423644



4281423644

■ 4281030419

■ 4281816869

■ 4280702731

■ 4282144557

■ 4280309506

■ 4282537782

■ 4280243968

■ 4282865471

■ 4283258696

■ 4283651920

■ 4283979609

■ 4284372834

■ 4284700522

Harmonies

Analogous

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



4283650057



4281423644



4278213433

Triad

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



4281423644



4278212231



4286918724

Complementary

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



4281423644



4282522711

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.



4286264418



4281423644



4280503690

Square

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



4281423644



4278213493



4284367228



4286527527

Rectangle

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



4281423644



4278213710



4284367228



4286853198

Sweetspot

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



4281423644



4284641370



4283908380



4281284651



4290295992



4281874488

Same Dimension

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



4281423644



4281757717



4280047396



4280888103



4280707840



4283755264

Inverse Universe

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



4282522711



4283438448



4283898959



4280952619



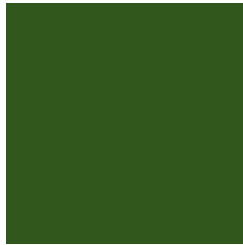
4282712171



4288086251

Previews

White Background



This preview shows how the Android color 4281423644 looks on a white background.

Color Contrast Check

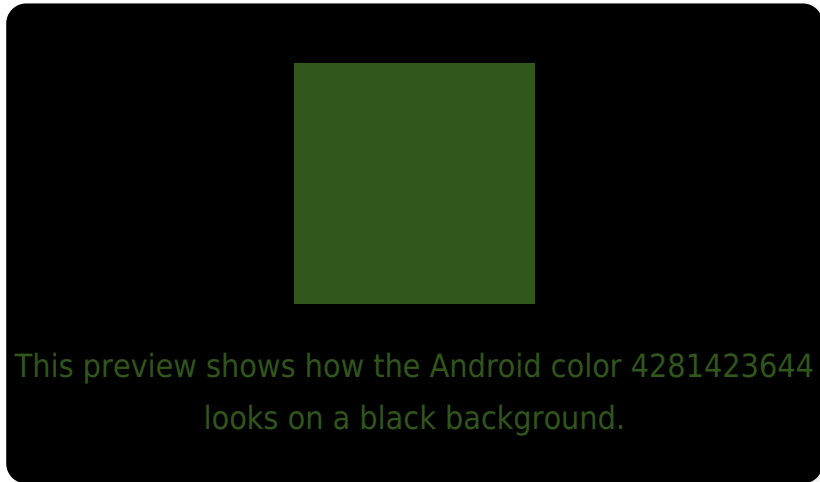
Large Text (above 18pt) WCAG AA ✓ Pass

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

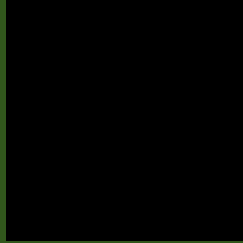
Any Text WCAG AA × Fail

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 4281423644 Background



This preview shows how black text looks on a background with the Android color 4281423644.



This preview shows how white text looks on a background with the Android color 4281423644.

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

4281423644

Protanopia

4283911705

Deuteranopia

4284500513

Trichromacy



Original Color
4281423644

Protanomaly
4282994970

Deuteranomaly
4283387679

Tritanomaly
4281815874

Monochromacy



Original Color
4281423644

Achromatopsia
4282729797

Achromatomaly
4282272822

CSS Examples

Text

The CSS property to change the color of the text to Android 4281423644 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(49, 87, 28)` looks like.

```
.text, #text, p{  
    color:rgb(49, 87, 28)  
}
```

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(49, 87, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 87, 28) }
```

Border

The CSS property to change the border of an element to Android 4281423644 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(49, 87, 28) }
```

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

```
.border{ border-color:rgb(49, 87, 28) }
```

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

Here you see how a box with a 4 pixel rgb(49, 87, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 87, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 87, 28);  
box-shadow:4px 4px 4px 4px rgb(49, 87, 28)  
}
```

Background

The CSS property to change the background color of an element to Android 4281423644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 87, 28) }
```

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

```
.background{ background-color: rgb(49, 87,  
28) }
```

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