

Converting Colors

Android(4280561152)

Have a look what the booklet for
Android(4280561152) contains.

Android(4280561152)	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(4280561152)

Conversions

Conversions Part 1

Format	Color
Hex	242E00
RGB	36, 46, 0
RGB Percent	14%, 18%, 0%
CMY	0.8588, 0.8196, 1.0000
CMYK	0.22, 0.00, 1.00, 0.82
HSL	73°, 100%, 9%
HSV	73°, 100%, 18%
XYZ	1.7045, 2.3291, 0.3597
YIQ	37.7660, 8.8060, -16.4260

Conversions

Conversions Part 2

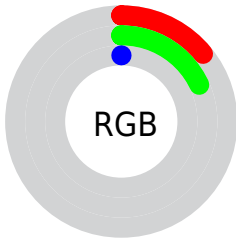
Format	Color
RYB	0, 46, 10
Decimal	2371072
CIELab	17.13, -11.91, 24.38
CIELCh	17, 27.139, 116.039
Yxy	2.3291, 0.3880, 0.5301
Android (android.graphics.Color)	4280561152 (0xFF242E00)
YUV	37.7660, -18.6186, -1.5488
Hunter-Lab	15.2613, -6.7703, 9.2854

Details

The Android color **4280561152** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278845486**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4283587631**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280561152**, and if you desaturate by 10%, it is **4280626693**.

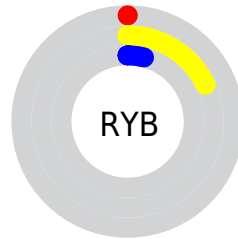
Distribution



Red (14%)

Green (18%)

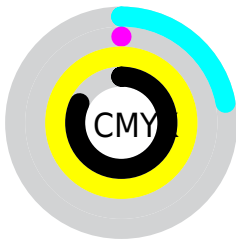
Blue (0%)



Red (0%)

Yellow (18%)

Blue (4%)

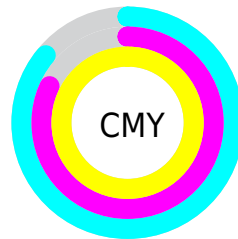


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (82%)



Cyan (86%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280561152 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 4280561152 by changing the saturation by 10% instead.



4280561152



4280561152



4294967267



4278786560



4283587631



4278190080



4285166662



4286877278



4288587895



4290430097



4292272300



4294114503



4280561152

■ 4280626693

■ 4280692233

■ 4280757774

■ 4280823314

■ 4280888855

■ 4280954396

■ 4281019936

■ 4281085477

■ 4281151017

Harmonies

Analogous

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



4281804800



4280561152



4278661395

Triad

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



4280561152



4278202698



4283111214

Complementary

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



4280561152



4278845486

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.



4282326336



4280561152



4278201681

Square

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



4280561152



4278203195



4280624717



4283177242

Rectangle

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



4280561152



4278203168



4280624717



4282980660

Sweetspot

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



4280561152



4281809705



4281207296



4280033044



4288585374



4280229663

Same Dimension

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



4280561152



4281219840



4279053824



4279637781



4282668800



4289254912

Inverse Universe

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



4278845486



4279042107



4280352814



4279571735



4279435351



4281270486

Previews

White Background



This preview shows how the Android color 4280561152 looks on a white background.

Color Contrast Check

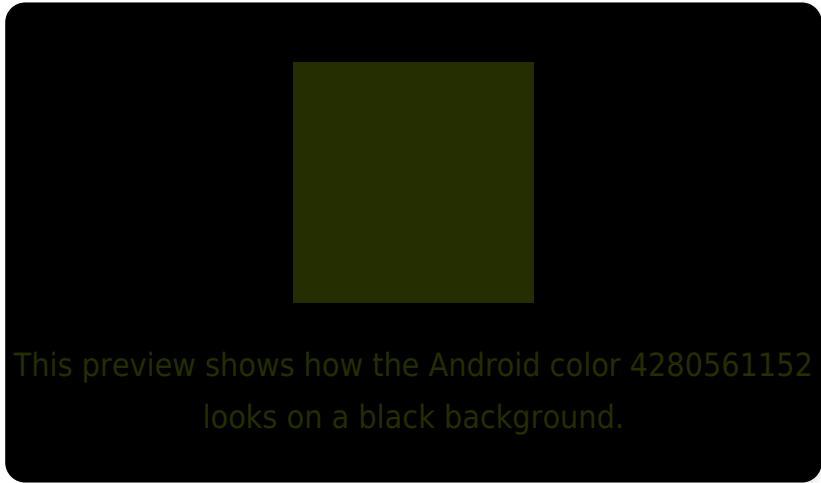
Large Text (above 18pt) WCAG AA ✓ Pass

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

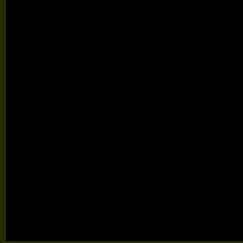
Any Text WCAG AA × Fail

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 4280561152 Background



This preview shows how black text looks on a background with the Android color 4280561152.



This preview shows how white text looks on a background with the Android color 4280561152.

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
4280561152

Protanopia
4281346816

Deuteranopia
4281673736

Trichromacy



Original Color
4280561152

Protanomaly
4281084928

Deuteranomaly
4281281029

Tritanomaly
4280757277

Monochromacy



Original Color
4280561152

Achromatopsia
4280690214

Achromatomaly
4280625432

CSS Examples

Text

The CSS property to change the color of the text to Android 4280561152 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(36, 46, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 46, 0)  
}
```

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(36, 46, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 46, 0) }
```

Border

The CSS property to change the border of an element to Android 4280561152 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(36, 46, 0) }
```

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

```
.border{ border-color:rgb(36, 46, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 46, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 46, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 46, 0); box-shadow:4px  
4px 4px 4px rgb(36, 46, 0) }
```

Background

The CSS property to change the background color of an element to Android 4280561152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 46, 0) }
```

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

```
.background{ background-color: rgb(36, 46,  
0) }
```

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