

Converting Colors

Android(4281172246)

Have a look what the booklet for
Android(4281172246) contains.

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Color

Android(4281172246)

Conversions

Conversions Part 1

Format	Color
Hex	2D8116
RGB	45, 129, 22
RGB Percent	18%, 51%, 9%
CMY	0.8235, 0.4941, 0.9137
CMYK	0.65, 0.00, 0.83, 0.49
HSL	107°, 71%, 30%
HSV	107°, 83%, 51%
XYZ	9.0773, 16.3163, 3.4300
YIQ	91.6860, -15.7170, -51.0850

Conversions

Conversions Part 2

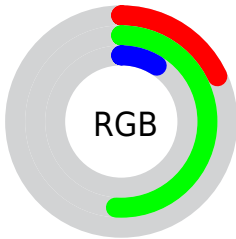
Format	Color
R_{YB}	22, 129, 106
Decimal	2982166
CIE _{Lab}	47.39, -44.67, 46.12
CIE _{LCh}	47, 64.210, 134.085
Yxy	16.3163, 0.3149, 0.5661
Android (android.graphics.Color)	4281172246 (0xFF2D8116)
YUV	91.6860, -34.3552, -40.9436
Hunter-Lab	40.3935, -30.5759, 23.2408

Details

The Android color `4281172246` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4285142657`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284921676`, and `4278210048` is the 20% darker color. If you saturate the color by 10%, you get `4280516873`, and if you desaturate by 10%, it is `4281827619`.

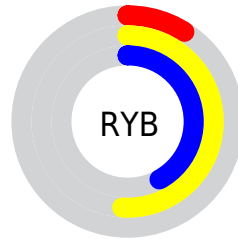
Distribution



Red (18%)

Green (51%)

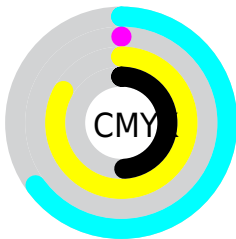
Blue (9%)



Red (9%)

Yellow (51%)

Blue (42%)

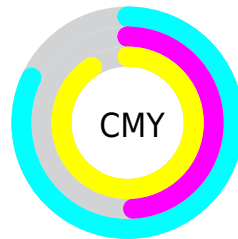


Cyan (65%)

Magenta (0%)

Yellow (83%)

Black (49%)



Cyan (82%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281172246 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 4281172246 by changing the saturation by 10% instead.



4281172246



4281172246

4294967295



4278347520



4284921676



4278210048



4286763877



4278204160



4288606080



4278198528



4290510747



4278190080



4292411318



4294311890



4294967279



4281172246



4281172246

■ 4280516873

■ 4281827619

■ 4280058112

■ 4282482992

■ 4283138365

■ 4283859274

■ 4284514647

■ 4285170019

■ 4285825392

■ 4286480765

■ 4287136138

Harmonies

Analogous

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



4285560320



4281172246



4278224721

Triad

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



4281172246



4278222809



4291768921

Complementary

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



4281172246



4285142657

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.



4290918799



4281172246



4278283994

Square

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



4281172246



4278224827



4287780287



4290857510

Rectangle

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



4281172246



4278225015



4287780287



4291702891

Sweetspot

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



4281172246



4287080574



4286671382



4282405947



4292138196



4283716692

Same Dimension

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



4281172246



4280592384



4279664948



4282073145



4279992320



4278190080

Inverse Universe

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



4285142657



4286841000



4286649955



4282267968



4284743808



4278190080

Previews

White Background



This preview shows how the Android color 4281172246 looks on a white background.

Color Contrast Check

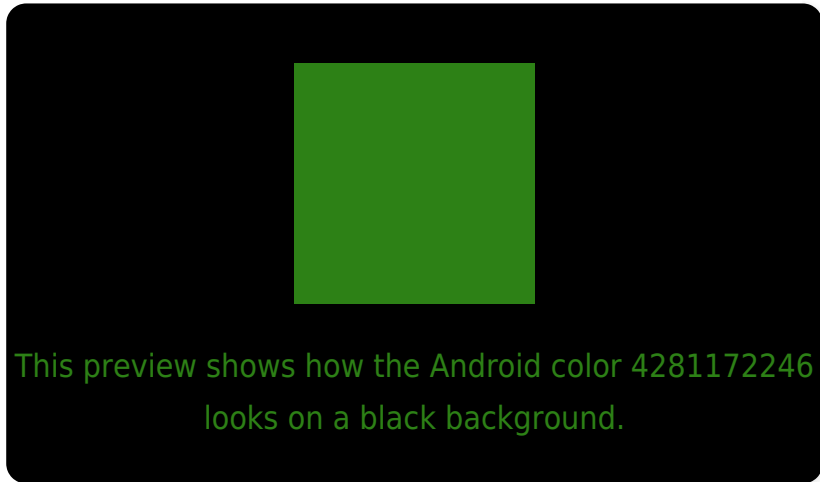
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4281172246 Background



This preview shows how black text looks on a background with the Android color 4281172246.



This preview shows how white text looks on a background with the Android color 4281172246.

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
4281172246

Protanopia
4286476305

Deuteranopia
4287392290

Trichromacy



Original Color
4281172246

Protanomaly
4284577299

Deuteranomaly
4285100574

Tritanomaly
4282153819

Monochromacy



Original Color
4281172246

Achromatopsia
4284243036

Achromatomaly
4283132227

CSS Examples

Text

The CSS property to change the color of the text to Android 4281172246 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, 129, 22)` looks like.

```
.text, #text, p{  
    color:rgb(45, 129, 22)  
}
```

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, 129, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 129, 22) }
```

Border

The CSS property to change the border of an element to Android 4281172246 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, 129, 22) }
```

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

```
.border{ border-color:rgb(45, 129, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 129, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 129, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 129, 22);  
box-shadow:4px 4px 4px 4px rgb(45, 129,  
22) }
```

Background

The CSS property to change the background color of an element to Android 4281172246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 129, 22) }
```

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

```
.background{ background-color: rgb(45, 129,  
22) }
```

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](#).

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