

Converting Colors

Android(4281174829)

Have a look what the booklet for
Android(4281174829) contains.

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Color

Android(4281174829)

Conversions

Conversions Part 1

Format	Color
Hex	2D8B2D
RGB	45, 139, 45
RGB Percent	18%, 55%, 18%
CMY	0.8235, 0.4549, 0.8235
CMYK	0.68, 0.00, 0.68, 0.45
HSL	120°, 51%, 36%
HSV	120°, 68%, 55%
XYZ	10.7885, 19.2126, 5.6224
YIQ	100.1780, -25.8500, -49.1620

Conversions

Conversions Part 2

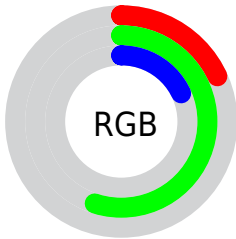
Format	Color
R_{YB}	45, 139, 139
Decimal	2984749
CIE _{Lab}	50.94, -46.42, 40.93
CIE _{LCh}	51, 61.889, 138.599
Yxy	19.2126, 0.3028, 0.5393
Android (android.graphics.Color)	4281174829 (0xFF2D8B2D)
YUV	100.1780, -27.2028, -48.3911
Hunter-Lab	43.8322, -32.7719, 23.0773

Details

The Android color `4281174829` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287311243`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285055327`, and `4278212608` is the 20% darker color. If you saturate the color by 10%, you get `4280257311`, and if you desaturate by 10%, it is `4282092347`.

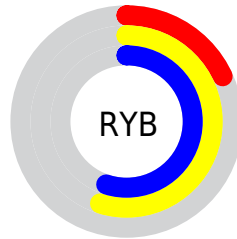
Distribution



Red (18%)

Green (55%)

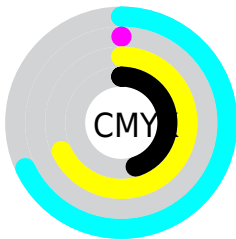
Blue (18%)



Red (18%)

Yellow (55%)

Blue (55%)

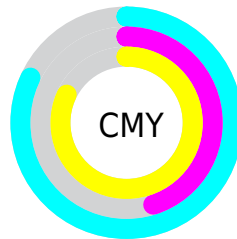


Cyan (68%)

Magenta (0%)

Yellow (68%)

Black (45%)



Cyan (82%)

Magenta (45%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281174829 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 4281174829 by changing the saturation by 10% instead.



4281174829



4281174829

4294967295



4278219026



4285055327



4278212608



4286897785



4278206208



4288740244



4278200832



4290576303



4278191616



4292476875



4278190080



4294442983



4281174829



4281174829



4280257311



4282092347

■ 4279339793

■ 4283009865

■ 4278422275

■ 4283927383

■ 4278225664

■ 4284844901

■ 4285762419

■ 4286614400

■ 4287531918

■ 4288449436

■ 4289366954

Harmonies

Analogous

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



4285759744



4281174829



4278227043

Triad

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



4281174829



4278224353



4292297819

Complementary

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



4281174829



4287311243

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.



4291642512



4281174829



4283069662

Square

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



4281174829



4278226632



4288961472



4291189034

Rectangle

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



4281174829



4278227336



4288961472



4292297068

Sweetspot

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



4281174829



4287739281



4287335213



4282801222



4292598747



4284243036

Same Dimension

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



4281174829



4280464674



4281174876



4282271038



4278224128



4278191360

Inverse Universe

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



4287311243



4290060981



4287311196



4282728005



4286906501



4278517765

Previews

White Background



This preview shows how the Android color 4281174829 looks on a white background.

Color Contrast Check

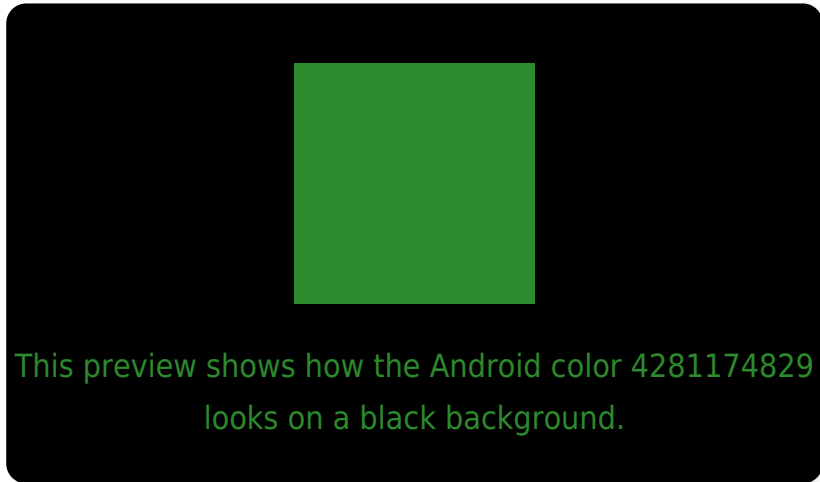
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

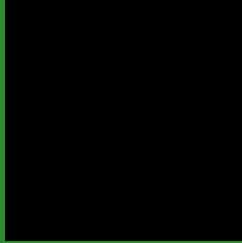
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281174829 Background



This preview shows how black text looks on a background with the Android color 4281174829.



This preview shows how white text looks on a background with the Android color 4281174829.

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
4281174829

Protanopia
4287068456

Deuteranopia
4287984437

Trichromacy



Original Color

4281174829



Protanomaly

4284907562



Deuteranomaly

4285496370



Tritanomaly

4282221929

Monochromacy



Original Color

4281174829



Achromatopsia

4284769380



Achromatomaly

4283462224

CSS Examples

Text

The CSS property to change the color of the text to Android 4281174829 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, 139, 45)` looks like.

```
.text, #text, p{  
    color:rgb(45, 139, 45)  
}
```

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, 139, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 139, 45) }
```

Border

The CSS property to change the border of an element to Android 4281174829 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, 139, 45) }
```

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

```
.border{ border-color:rgb(45, 139, 45) }
```

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

Here you see how a box with a 4 pixel rgb(45, 139, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 139, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 139, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 139,  
45) }
```

Background

The CSS property to change the background color of an element to Android 4281174829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 139, 45) }
```

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

```
.background{ background-color: rgb(45, 139,  
45) }
```

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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