

Converting Colors

Android(4280506129)

Have a look what the booklet for
Android(4280506129) contains.

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Color

Android(4280506129)

Conversions

Conversions Part 1

Format	Color
Hex	235711
RGB	35, 87, 17
RGB Percent	14%, 34%, 7%
CMY	0.8627, 0.6588, 0.9333
CMYK	0.60, 0.00, 0.80, 0.66
HSL	105°, 67%, 20%
HSV	105°, 80%, 34%
XYZ	4.2025, 7.2142, 1.7013
YIQ	63.4720, -8.5220, -32.7940

Conversions

Conversions Part 2

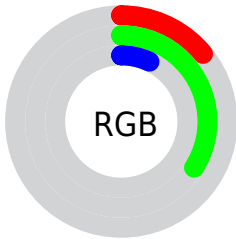
Format	Color
RYB	17, 87, 69
Decimal	2316049
CIELab	32.29, -31.34, 33.26
CIELCh	32, 45.698, 133.300
Yxy	7.2142, 0.3204, 0.5499
Android (android.graphics.Color)	4280506129 (0xFF235711)
YUV	63.4720, -22.9107, -24.9699
Hunter-Lab	26.8592, -19.0748, 15.0460

Details

The Android color `4280506129` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4282716503`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4283861313`, and `4278200576` is the 20% darker color. If you saturate the color by 10%, you get `4280112904`, and if you desaturate by 10%, it is `4280899354`.

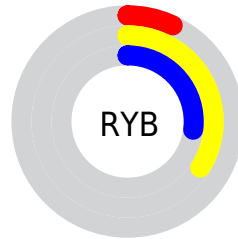
Distribution



Red (14%)

Green (34%)

Blue (7%)



Red (7%)

Yellow (34%)

Blue (27%)

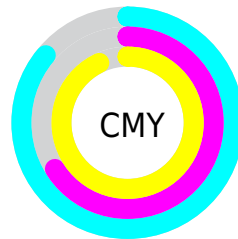


Cyan (60%)

Magenta (0%)

Yellow (80%)

Black (66%)



Cyan (86%)

Magenta (66%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280506129 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 4280506129 by changing the saturation by 10% instead.



4280506129



4280506129

4294967292



4278599424



4283861313



4278200576



4285572185



4278193920



4287348595



4278190080



4289125261



4290967719



4292804547



4294705119



4280506129



4280506129

■ 4280112904

■ 4280899354

■ 4279654144

■ 4281358114

■ 4281751339

■ 4282210100

■ 4282603325

■ 4283062085

■ 4283455310

■ 4283914071

■ 4284307295

Harmonies

Analogous

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



4283322112



4280506129



4278213430

Triad

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



4280506129



4278212241



4287309118

Complementary

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



4280506129



4282716503

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.



4286720354



4280506129



4279258002

Square

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



4280506129



4278213501



4284562305



4286788124

Rectangle

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



4280506129



4278213711



4284562305



4287308874

Sweetspot

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



4280506129



4284248149



4283909137



4281088040



4290295992



4281874488

Same Dimension

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



4280506129



4280250371



4279326497



4280822567



4280052480



4282182400

Inverse Universe

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



4282716503



4283695984



4283896135



4280952619



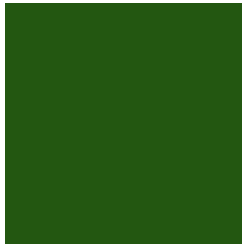
4283433067



4289593579

Previews

White Background



This preview shows how the Android color 4280506129 looks on a white background.

Color Contrast Check

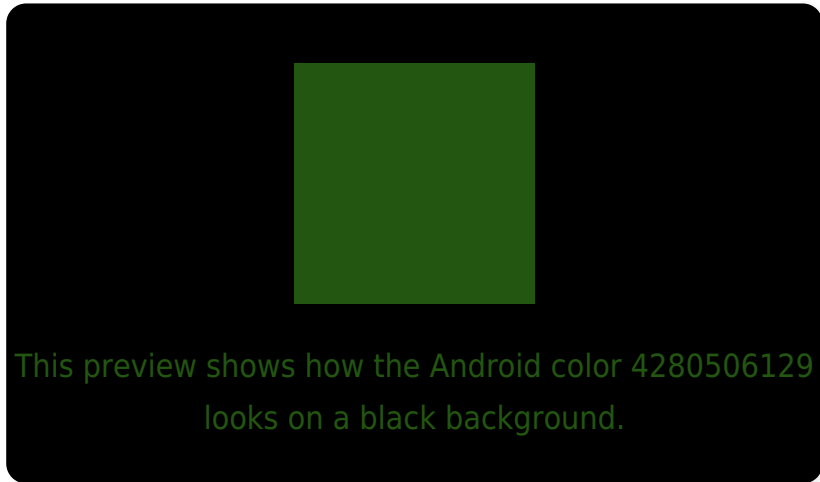
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280506129 Background



This preview shows how black text looks on a background with the Android color 4280506129.



This preview shows how white text looks on a background with the Android color 4280506129.

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
4280506129

Protanopia
4283780110

Deuteranopia
4284434456

Trichromacy



Original Color
4280506129

Protanomaly
4282601487

Deuteranomaly
4282993941

Tritanomaly
4281094974

Monochromacy



Original Color
4280506129

Achromatopsia
4282335039

Achromatomaly
4281681966

CSS Examples

Text

The CSS property to change the color of the text to Android 4280506129 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(35, 87, 17)` looks like.

```
.text, #text, p{  
    color:rgb(35, 87, 17)  
}
```

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(35, 87, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 87, 17) }
```

Border

The CSS property to change the border of an element to Android 4280506129 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(35, 87, 17) }
```

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

```
.border{ border-color:rgb(35, 87, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 87, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 87, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 87, 17);  
box-shadow:4px 4px 4px 4px rgb(35, 87, 17)  
}
```

Background

The CSS property to change the background color of an element to Android 4280506129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 87, 17) }
```

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

```
.background{ background-color: rgb(35, 87,  
17) }
```

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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