

Converting Colors

Android(4280516873)

Have a look what the booklet for
Android(4280516873) contains.

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Color

Android(4280516873)

Conversions

Conversions Part 1

Format	Color
Hex	238109
RGB	35, 129, 9
RGB Percent	14%, 51%, 4%
CMY	0.8627, 0.4941, 0.9647
CMYK	0.73, 0.00, 0.93, 0.49
HSL	107°, 87%, 27%
HSV	107°, 93%, 51%
XYZ	8.5927, 16.0776, 2.9088
YIQ	87.2140, -17.5040, -57.2480

Conversions

Conversions Part 2

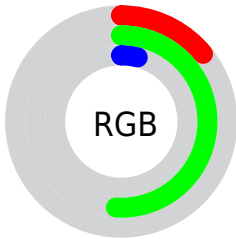
Format	Color
R_{YB}	9, 129, 103
Decimal	2326793
CIE _{Lab}	47.08, -47.47, 48.96
CIE _{LCh}	47, 68.200, 134.115
Yxy	16.0776, 0.3116, 0.5830
Android (android.graphics.Color)	4280516873 (0xFF238109)
YUV	87.2140, -38.5595, -45.7917
Hunter-Lab	40.0968, -31.9171, 23.7666

Details

The Android color `4280516873` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4284942721`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284528452`, and `4278210048` is the 20% darker color. If you saturate the color by 10%, you get `4280058112`, and if you desaturate by 10%, it is `4281172246`.

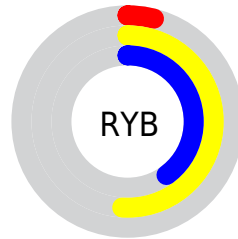
Distribution



Red (14%)

Green (51%)

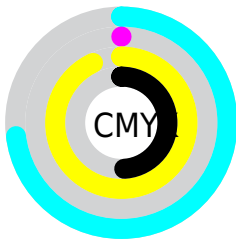
Blue (4%)



Red (4%)

Yellow (51%)

Blue (40%)

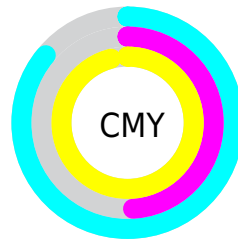


Cyan (73%)

Magenta (0%)

Yellow (93%)

Black (49%)



Cyan (86%)

Magenta (49%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280516873 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 4280516873 by changing the saturation by 10% instead.



4280516873



4280516873

4294967295



4278216448



4284528452



4278210048



4286370654



4278203904



4288278649



4278198272



4290117524



4278190080



4292018095



4293984203



4294967272



4280516873



4280516873

■ 4280058112

■ 4281172246

■ 4281827619

■ 4282482992

■ 4283138365

■ 4283859274

■ 4284514646

■ 4285170019

■ 4285825392

■ 4286480765

Harmonies

Analogous

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



4285428992



4280516873



4278224718

Triad

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



4280516873



4278222815



4292028503

Complementary

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



4280516873



4284942721

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.



4291113105



4280516873



4278218464

Square

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



4280516873



4278224831



4287779523



4291052832

Rectangle

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



4280516873



4278225014



4287779523



4291962218

Sweetspot

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



4280516873



4286818425



4286670601



4282274872



4292138196



4283716692

Same Dimension

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



4280516873



4280592384



4278812971



4282073145



4280057856



4278190080

Inverse Universe

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



4284942721



4286841000



4286646623



4282267968



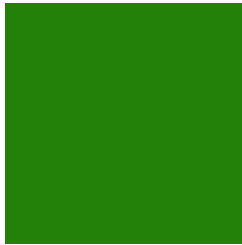
4284743808



4278190080

Previews

White Background



This preview shows how the Android color 4280516873 looks on a white background.

Color Contrast Check

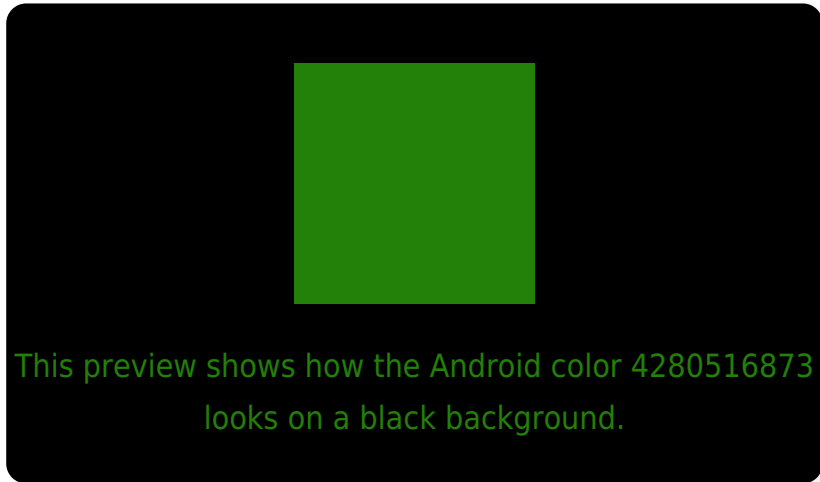
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280516873 Background



This preview shows how black text looks on a background with the Android color 4280516873.



This preview shows how white text looks on a background with the Android color 4280516873.

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
4280516873

Protanopia
4286410496

Deuteranopia
4287392029

Trichromacy



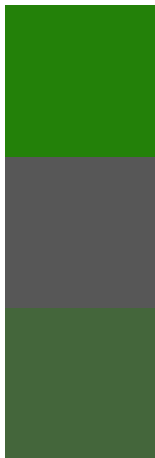
Original Color
4280516873

Protanomaly
4284249603

Deuteranomaly
4284903958

Tritanomaly
4281695062

Monochromacy



Original Color
4280516873

Achromatopsia
4283914071

Achromatomaly
4282672699

CSS Examples

Text

The CSS property to change the color of the text to Android 4280516873 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, 129, 9)` looks like.

```
.text, #text, p{  
    color:rgb(35, 129, 9)  
}
```

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, 129, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 129, 9) }
```

Border

The CSS property to change the border of an element to Android 4280516873 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, 129, 9) }
```

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

```
.border{ border-color:rgb(35, 129, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 129, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 129, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 129, 9);  
box-shadow:4px 4px 4px 4px rgb(35, 129, 9)  
}
```

Background

The CSS property to change the background color of an element to Android 4280516873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 129, 9) }
```

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

```
.background{ background-color: rgb(35, 129,  
9) }
```

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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