

Converting Colors

Android(4280644872)

Have a look what the booklet for
Android(4280644872) contains.

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Color

Android(4280644872)

Conversions

Conversions Part 1

Format	Color
Hex	257508
RGB	37, 117, 8
RGB Percent	15%, 46%, 3%
CMY	0.8549, 0.5412, 0.9686
CMYK	0.68, 0.00, 0.93, 0.54
HSL	104°, 87%, 25%
HSV	104°, 93%, 46%
XYZ	7.1681, 13.1334, 2.3869
YIQ	80.6540, -12.6910, -50.8590

Conversions

Conversions Part 2

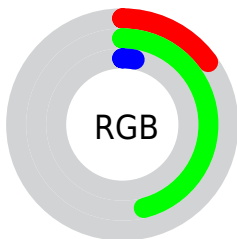
Format	Color
RYB	8, 117, 88
Decimal	2454792
CIELab	42.96, -42.91, 45.69
CIELCh	43, 62.676, 133.202
Yxy	13.1334, 0.3159, 0.5789
Android (android.graphics.Color)	4280644872 (0xFF257508)
YUV	80.6540, -35.8184, -38.2846
Hunter-Lab	36.2401, -28.1139, 21.4629

Details

The Android color `4280644872` is a dark color, and the websafe version is hex `006600`. A complement of this color would be `4283959413`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4284459585`, and `4278207232` is the 20% darker color. If you saturate the color by 10%, you get `4280251648`, and if you desaturate by 10%, it is `4281234708`.

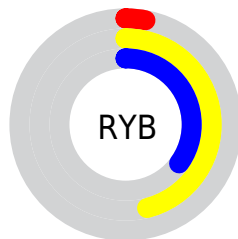
Distribution



Red (15%)

Green (46%)

Blue (3%)



Red (3%)

Yellow (46%)

Blue (35%)

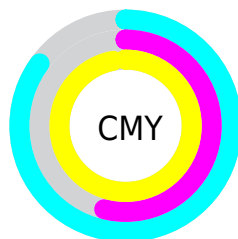


Cyan (68%)

Magenta (0%)

Yellow (93%)

Black (54%)



Cyan (85%)

Magenta (54%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280644872 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 4280644872 by changing the saturation by 10% instead.



4280644872



4280644872

4294967295



4278213632



4284459585



4278207232



4286236251



4278201600



4288078453



4278194688



4289920912



4278190080



4291821483



4293722055



4294967267



4280644872



4280644872

■ 4280251648

■ 4281234708

■ 4281759007

■ 4282348843

■ 4282873143

■ 4283462978

■ 4284052814

■ 4284577114

■ 4285166950

■ 4285691249

Harmonies

Analogous

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



4284901888



4280644872



4278221381

Triad

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



4280644872



4278219977



4290782801

Complementary

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



4280644872



4283959413

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.



4289867397



4280644872



4278215884

Square

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



4280644872



4278221740



4286794674



4289936927

Rectangle

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



4280644872



4278221930



4286794674



4290651234

Sweetspot

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



4280644872



4286224750



4285880328



4281945394



4291611852



4283256141

Same Dimension

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



4280644872



4280916224



4278744353



4281744181



4280384000



4282579456

Inverse Universe

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



4283959413



4285530265



4285859932



4281939259



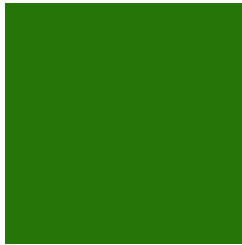
4284088442



4290183418

Previews

White Background



This preview shows how the Android color 4280644872 looks on a white background.

Color Contrast Check

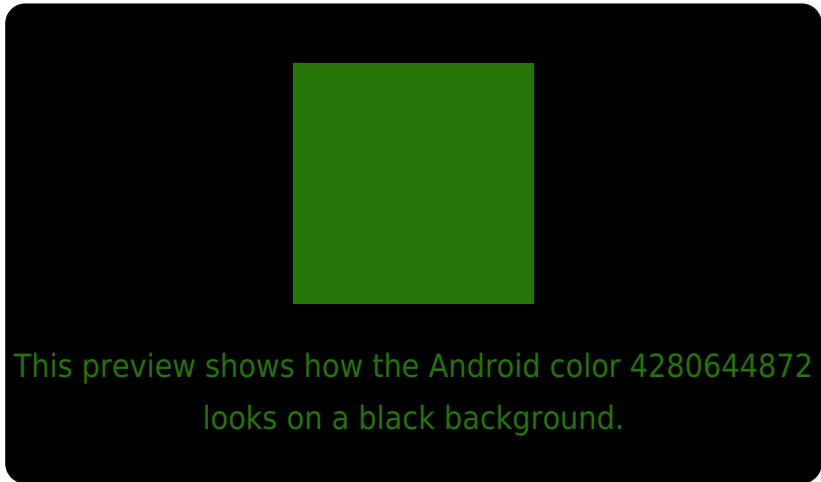
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280644872 Background



This preview shows how black text looks on a background with the Android color 4280644872.



This preview shows how white text looks on a background with the Android color 4280644872.

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
4280644872

Protanopia
4285687040

Deuteranopia
4286537754

Trichromacy



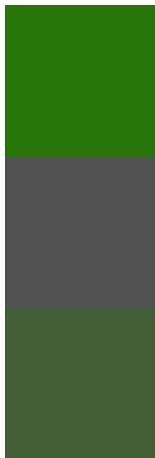
Original Color
4280644872

Protanomaly
4283853571

Deuteranomaly
4284377107

Tritanomaly
4281626702

Monochromacy



Original Color
4280644872

Achromatopsia
4283519313

Achromatomaly
4282474038

CSS Examples

Text

The CSS property to change the color of the text to Android 4280644872 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(37, 117, 8)` looks like.

```
.text, #text, p{  
    color:rgb(37, 117, 8)  
}
```

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(37, 117, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 117, 8) }
```

Border

The CSS property to change the border of an element to Android 4280644872 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(37, 117, 8) }
```

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

```
.border{ border-color:rgb(37, 117, 8) }
```

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

Here you see how a box with a 4 pixel rgb(37, 117, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 117, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 117, 8);  
box-shadow:4px 4px 4px 4px rgb(37, 117, 8)  
}
```

Background

The CSS property to change the background color of an element to Android 4280644872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 117, 8) }
```

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

```
.background{ background-color: rgb(37, 117,  
8) }
```

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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