

Converting Colors

Android(4279458842)

Have a look what the booklet for
Android(4279458842) contains.

Android(4279458842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4279458842)

Conversions

Conversions Part 1

Format	Color
Hex	135C1A
RGB	19, 92, 26
RGB Percent	7%, 36%, 10%
CMY	0.9255, 0.6392, 0.8980
CMYK	0.79, 0.00, 0.72, 0.64
HSL	126°, 66%, 22%
HSV	126°, 79%, 36%
XYZ	4.2822, 7.8673, 2.2701
YIQ	62.6490, -22.3220, -36.0020

Conversions

Conversions Part 2

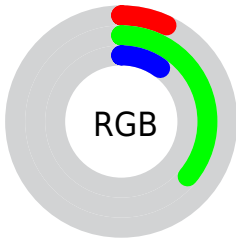
Format	Color
R_YB	19, 86, 92
Decimal	1268762
CIE _{Lab}	33.71, -36.33, 30.65
CIE _{LCh}	34, 47.534, 139.846
Yxy	7.8673, 0.2970, 0.5456
Android (android.graphics.Color)	4279458842 (0xFF135C1A)
YUV	62.6490, -18.0680, -38.2802
Hunter-Lab	28.0487, -21.8340, 14.8355

Details

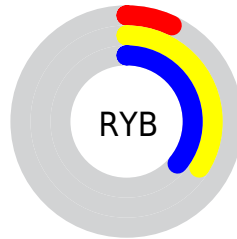
The Android color `4279458842` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4284224341`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4283207497`, and `4278201600` is the 20% darker color. If you saturate the color by 10%, you get `4278869010`, and if you desaturate by 10%, it is `4280048674`.

Distribution



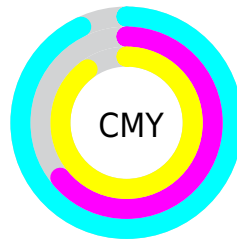
- Red (7%)
- Green (36%)
- Blue (10%)



- Red (7%)
- Yellow (34%)
- Blue (36%)



- Cyan (79%)
- Magenta (0%)
- Yellow (72%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279458842 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 4279458842 by changing the saturation by 10% instead.



4279458842



4279458842

4294967295



4278207489



4283207497



4278201600



4284918370



4278195456



4286694779



4278190080



4288471701



4290314160



4292149196



4294049768



4279458842



4279458842

■ 4278869010

■ 4280048674

■ 4278279177

■ 4280638507

■ 4278213641

■ 4281293875

■ 4281883707

■ 4282473540

■ 4283063372

■ 4283653204

■ 4284308573

■ 4284898405

Harmonies

Analogous

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



4282995968



4279458842



4278214465

Triad

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



4279458842



4278212506



4287703096

Complementary

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



4279458842



4284224341

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.



4287375454



4279458842



4281355159

Square

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



4279458842



4278214280



4285479296



4286920725

Rectangle

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



4279458842



4278214747



4285479296



4287768132

Sweetspot

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



4279458842



4284184670



4283849747



4281023789



4290624957



4282203453

Same Dimension

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



4279458842



4278614033



4279458878



4280888874



4278218251



4278250775

Inverse Universe

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



4284224341



4286056045



4284224305



4281215277



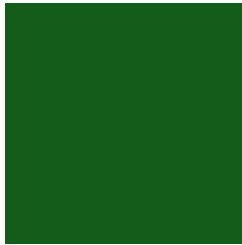
4285399139



4293722326

Previews

White Background



This preview shows how the Android color 4279458842 looks on a white background.

Color Contrast Check

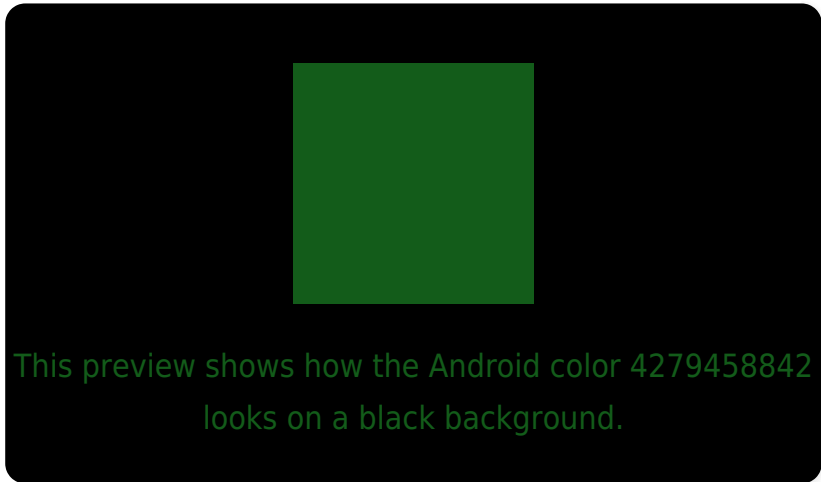
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279458842 Background



This preview shows how black text looks on a background with the Android color 4279458842.



This preview shows how white text looks on a background with the Android color 4279458842.

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

[4279458842](#)

Protanopia

[4284043031](#)

Deuteranopia

[4284631840](#)

Trichromacy



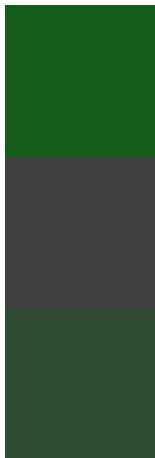
Original Color
4279458842

Protanomaly
4282405912

Deuteranomaly
4282732830

Tritanomaly
4280375365

Monochromacy



Original Color
4279458842

Achromatopsia
4282335039

Achromatomaly
4281289266

CSS Examples

Text

The CSS property to change the color of the text to Android 4279458842 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(19, 92, 26)` looks like.

```
.text, #text, p{  
    color:rgb(19, 92, 26)  
}
```

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(19, 92, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 92, 26) }
```

Border

The CSS property to change the border of an element to Android 4279458842 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(19, 92, 26) }
```

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

```
.border{ border-color:rgb(19, 92, 26) }
```

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

Here you see how a box with a 4 pixel rgb(19, 92, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 92, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 92, 26);  
box-shadow:4px 4px 4px 4px rgb(19, 92, 26)  
}
```

Background

The CSS property to change the background color of an element to Android 4279458842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 92, 26) }
```

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

```
.background{ background-color: rgb(19, 92,  
26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor