

Converting Colors

Android(4278459650)

Have a look what the booklet for
Android(4278459650) contains.

Android(4278459650)	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(4278459650)

Conversions

Conversions Part 1

Format	Color
Hex	041D02
RGB	4, 29, 2
RGB Percent	2%, 11%, 1%
CMY	0.9843, 0.8863, 0.9922
CMYK	0.86, 0.00, 0.93, 0.89
HSL	116°, 87%, 6%
HSV	116°, 93%, 11%
XYZ	0.5004, 0.9089, 0.2065
YIQ	18.4470, -6.2330, -13.6970

Conversions

Conversions Part 2

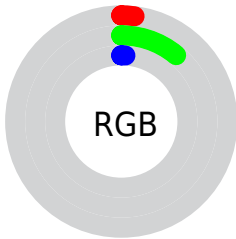
Format	Color
RYB	2, 29, 27
Decimal	269570
CIELab	8.21, -14.88, 11.20
CIELCh	8, 18.626, 143.040
Yxy	0.9089, 0.3097, 0.5625
Android (android.graphics.Color)	4278459650 (0xFF041D02)
YUV	18.4470, -8.1084, -12.6700
Hunter-Lab	9.5338, -7.3153, 5.3894

Details

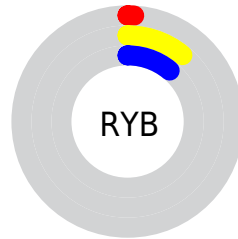
The Android color **4278459650** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4279960093**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4281354289**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278328576**, and if you desaturate by 10%, it is **4278656261**.

Distribution



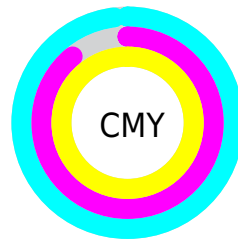
- Red (2%)
- Green (11%)
- Blue (1%)



- Red (1%)
- Yellow (11%)
- Blue (11%)



- Cyan (86%)
- Magenta (0%)
- Yellow (93%)
- Black (89%)



- Cyan (98%)
- Magenta (89%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278459650 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 4278459650 by changing the saturation by 10% instead.

 4278459650

 4278459650

 4293197796

 4278190080

 4281354289


 4282867783

 4284447071

 4286092152

 4287802770

 4289579436

 4291356104

 4278459650

 4278459650

■ 4278328576

■ 4278656261

■ 4278787336

■ 4278983947

■ 4279180558

■ 4279311633

■ 4279508243

■ 4279704854

■ 4279835929

■ 4280032540

Harmonies

Analogous

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



4279638528



4278459650



4278198036

Triad

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



4278459650



4278196784



4281208077

Complementary

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



4278459650



4279960093

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.



4281142555



4278459650



4279440943

Square

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



4278459650



4278197547



4280553767



4281012480

Rectangle

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



4278459650



4278198045



4280553767



4281207826

Sweetspot

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



4278459650



4280034844



4280097538



4279112717



4287927444



4279505940

Same Dimension

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



4278459650



4278396416



4278328589



4279111438



4278603520



4279226112

Inverse Universe

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



4279960093



4280483878



4280091154



4279176719



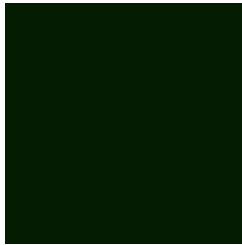
4282974287



4290707663

Previews

White Background



This preview shows how the Android color 4278459650 looks on a white background.

Color Contrast Check

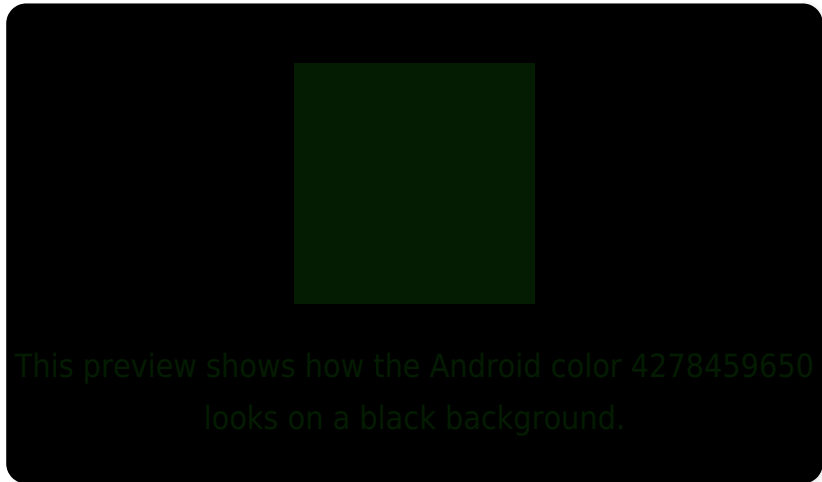
Large Text (above 18pt) WCAG AA ✓ Pass

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

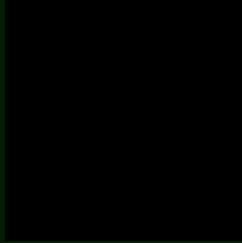
Any Text WCAG AA × Fail

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 4278459650 Background



This preview shows how black text looks on a background with the Android color 4278459650.



This preview shows how white text looks on a background with the Android color 4278459650.

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
4278459650

Protanopia
4280031488

Deuteranopia
4280227847



Tritanopia
4279048989

Trichromacy



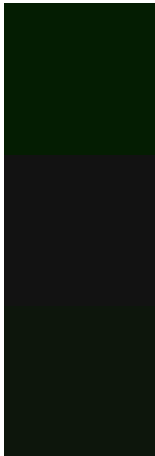
Original Color
4278459650

Protanomaly
4279441921

Deuteranomaly
4279572997

Tritanomaly
4278852627

Monochromacy



Original Color
4278459650

Achromatopsia
4279374354

Achromatomaly
4279047692

CSS Examples

Text

The CSS property to change the color of the text to Android 4278459650 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(4, 29, 2)` looks like.

```
.text, #text, p{  
    color:rgb(4, 29, 2)  
}
```

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(4, 29, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 29, 2) }
```

Border

The CSS property to change the border of an element to Android 4278459650 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(4, 29, 2) }
```

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

```
.border{ border-color:rgb(4, 29, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 29, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 29, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 29, 2); box-shadow:4px  
4px 4px 4px rgb(4, 29, 2) }
```

Background

The CSS property to change the background color of an element to Android 4278459650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 29, 2) }
```

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

```
.background{ background-color: rgb(4, 29,  
2) }
```

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