

Converting Colors

Android(4278267144)

Have a look what the booklet for
Android(4278267144) contains.

Android(4278267144)	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(4278267144)

Conversions

Conversions Part 1

Format	Color
Hex	012D08
RGB	1, 45, 8
RGB Percent	0%, 18%, 3%
CMY	0.9961, 0.8235, 0.9686
CMYK	0.98, 0.00, 0.82, 0.82
HSL	130°, 96%, 9%
HSV	130°, 98%, 18%
XYZ	0.9947, 1.9008, 0.5442
YIQ	27.6260, -14.3470, -20.8350

Conversions

Conversions Part 2

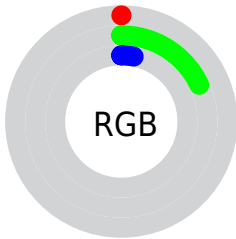
Format	Color
R_{YB}	1, 39, 45
Decimal	77064
CIE _{Lab}	14.96, -24.07, 18.01
CIE _{LCh}	15, 30.059, 143.201
Yxy	1.9008, 0.2892, 0.5526
Android (android.graphics.Color)	4278267144 (0xFF012D08)
YUV	27.6260, -9.6756, -23.3510
Hunter-Lab	13.7868, -11.2479, 7.3105

Details

The Android color **4278267144** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281139494**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4281424948**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278201607**, and if you desaturate by 10%, it is **4278594828**.

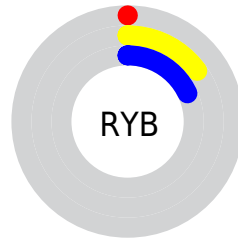
Distribution



Red (0%)

Green (18%)

Blue (3%)



Red (0%)

Yellow (15%)

Blue (18%)

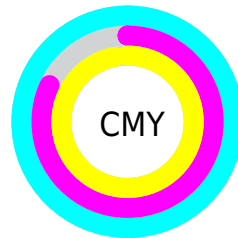


Cyan (98%)

Magenta (0%)

Yellow (82%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278267144 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 4278267144 by changing the saturation by 10% instead.

 4278267144

 4278267144

 4293525481

 4278196736

 4281424948

 4278190080

 4283003979

 4284649060

 4286359933

 4288070807

 4289847473

 4291689933

 4278267144

 4278267144

■ 4278201607

■ 4278594828

■ 4278856976

■ 4279184659

■ 4279446807

■ 4279774491

■ 4280036639

■ 4280364322

■ 4280626470

■ 4280954154

Harmonies

Analogous

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



4280363264



4278267144



4278202144

Triad

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



4278267144



4278200912



4283043862

Complementary

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



4278267144



4281139494

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.



4282912555



4278267144



4279902797

Square

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



4278267144



4278201927



4281997375



4282587648

Rectangle

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



4278267144



4278202159



4281997375



4283108893

Sweetspot

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



4278267144



4280957740



4280691969



4279508758



4288585374



4280229663

Same Dimension

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



4278267144



4278205193



4278267166



4279572245



4278212366



4278244898

Inverse Universe

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



4281139494



4282056753



4281139472



4279702807



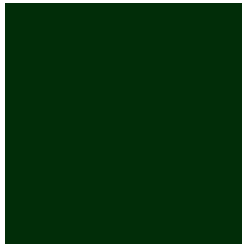
4283891785



4292214964

Previews

White Background



This preview shows how the Android color 4278267144 looks on a white background.

Color Contrast Check

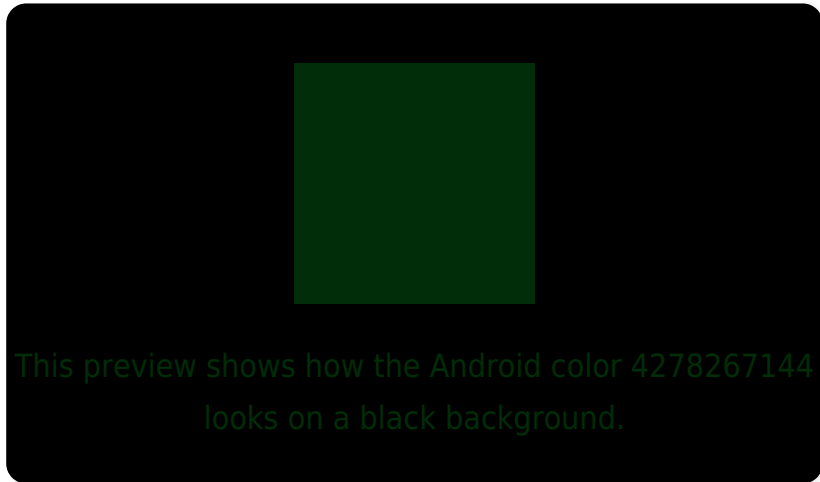
Large Text (above 18pt) WCAG AA ✓ Pass

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

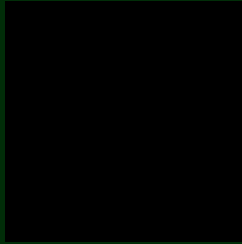
Any Text WCAG AA × Fail

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 4278267144 Background



This preview shows how black text looks on a background with the Android color 4278267144.



This preview shows how white text looks on a background with the Android color 4278267144.

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
4278267144

Protanopia
4281018118

Deuteranopia
4281345292

Trichromacy



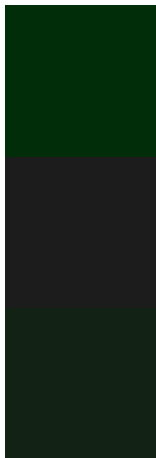
Original Color
4278267144

Protanomaly
4280035591

Deuteranomaly
4280231947

Tritanomaly
4278987552

Monochromacy



Original Color
4278267144

Achromatopsia
4280032284

Achromatomaly
4279378453

CSS Examples

Text

The CSS property to change the color of the text to Android 4278267144 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(1, 45, 8)` looks like.

```
.text, #text, p{  
    color:rgb(1, 45, 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(1, 45, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 45, 8) }
```

Border

The CSS property to change the border of an element to Android 4278267144 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(1, 45, 8) }
```

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

```
.border{ border-color:rgb(1, 45, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 45, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 45, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 45, 8); box-shadow:4px  
4px 4px 4px rgb(1, 45, 8) }
```

Background

The CSS property to change the background color of an element to Android 4278267144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 45, 8) }
```

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

```
.background{ background-color: rgb(1, 45,  
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](#).

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