

Converting Colors

Android(4278201150)

Have a look what the booklet for
Android(4278201150) contains.

Android(4278201150)	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(4278201150)

Conversions

Conversions Part 1

Format	Color
Hex	002B3E
RGB	0, 43, 62
RGB Percent	0%, 17%, 24%
CMY	1.0000, 0.8314, 0.7569
CMYK	1.00, 0.31, 0.00, 0.76
HSL	198°, 100%, 12%
HSV	198°, 100%, 24%
XYZ	1.7334, 2.0756, 4.8667
YIQ	32.3090, -31.7270, -3.2070

Conversions

Conversions Part 2

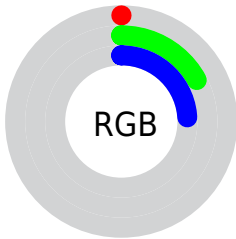
Format	Color
RYB	0, 25, 62
Decimal	11070
CIELab	15.88, -5.80, -16.01
CIELCh	16, 17.032, 250.094
Yxy	2.0756, 0.1998, 0.2392
Android (android.graphics.Color)	4278201150 (0xFF002B3E)
YUV	32.3090, 14.6377, -28.3350
Hunter-Lab	14.4068, -3.7353, -9.9437

Details

The Android color **4278201150** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282258176**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4281751662**, and **4278190355** is the 20% darker color. If you saturate the color by 10%, you get **4278201150**, and if you desaturate by 10%, it is **4278594878**.

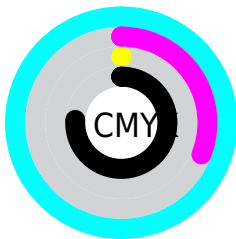
Distribution



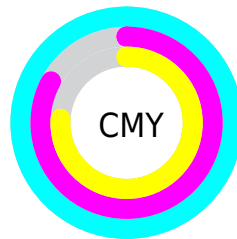
- Red (0%)
- Green (17%)
- Blue (24%)



- Red (0%)
- Yellow (10%)
- Blue (24%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201150 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 4278201150 by changing the saturation by 10% instead.

 4278201150

 4278201150

 4294115327

 4278196008

 4281751662

 4278190355

 4283396487

 4278190080

 4285106849

 4286817468

 4288594136

 4290370549

 4292212991

 4278201150

■ 4278594878

■ 4278988606

■ 4279447870

■ 4279841598

■ 4280235070

■ 4280628798

■ 4281022526

■ 4281481790

■ 4281875518

Harmonies

Analogous

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



4278201655



4278201150



4279969599

Triad

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



4278201150



4282261028



4280167188

Complementary

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



4278201150



4282258176

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.



4281018383



4278201150



4282195993

Square

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



4278201150



4281999152



4281738257



4279053599

Rectangle

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



4278201150



4280886332



4281738257



4280494610

Sweetspot

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



4278201150



4281944658



4278205971



4279903273



4289243304



4280887593

Same Dimension

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



4278201150



4278204754



4278193214



4280032799



4278206814



4278229726

Inverse Universe

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



4282253355



4283564089



4282266112



4280228894



4284350529



4292739226

Previews

White Background



This preview shows how the Android color 4278201150 looks on a white background.

Color Contrast Check

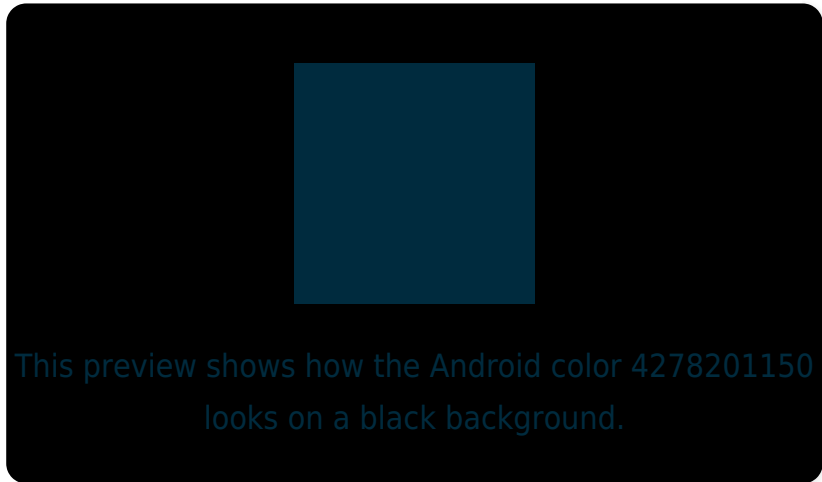
Large Text (above 18pt) WCAG AA ✓ Pass

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

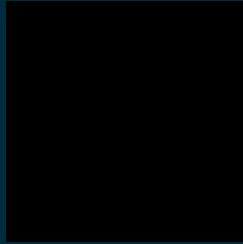
Any Text WCAG AA × Fail

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 4278201150 Background



This preview shows how black text looks on a background with the Android color 4278201150.



This preview shows how white text looks on a background with the Android color 4278201150.

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

4278201150

Protanopia

4280428603

Deuteranopia

4280100927

Trichromacy



Original Color

4278201150

Protanomaly

4279642428

Deuteranomaly

4279380287

Tritanomaly

4278201397

Monochromacy



Original Color

4278201150

Achromatopsia

4280295456

Achromatomaly

4279510059

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201150 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(0, 43, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 43, 62)  
}
```

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(0, 43, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 43, 62) }
```

Border

The CSS property to change the border of an element to Android 4278201150 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(0, 43, 62) }
```

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

```
.border{ border-color:rgb(0, 43, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 43, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 43, 62); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 43, 62); box-shadow:4px  
4px 4px 4px rgb(0, 43, 62) }
```

Background

The CSS property to change the background color of an element to Android 4278201150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 43, 62) }
```

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

```
.background{ background-color: rgb(0, 43,  
62) }
```

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