

Converting Colors

Android(4278202451)

Have a look what the booklet for
Android(4278202451) contains.

Android(4278202451)	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(4278202451)

Conversions

Conversions Part 1

Format	Color
Hex	003053
RGB	0, 48, 83
RGB Percent	0%, 19%, 33%
CMY	1.0000, 0.8118, 0.6745
CMYK	1.00, 0.42, 0.00, 0.67
HSL	205°, 100%, 16%
HSV	205°, 100%, 33%
XYZ	2.6183, 2.7384, 8.5742
YIQ	37.6380, -39.8430, 0.7090

Conversions

Conversions Part 2

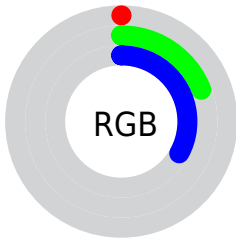
Format	Color
R_{YB}	0, 30, 83
Decimal	12371
CIE _{Lab}	18.96, 0.30, -25.44
CIE _{LCh}	19, 25.443, 270.672
Yxy	2.7384, 0.1879, 0.1966
Android (android.graphics.Color)	4278202451 (0xFF003053)
YUV	37.6380, 22.3635, -33.0085
Hunter-Lab	16.5482, -0.7169, -19.1364

Details

The Android color `4278202451` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4283638528`, and the grayscale version is `4280624421`.

A 20% lighter version of the original color is `4282277509`, and `4278190886` is the 20% darker color. If you saturate the color by 10%, you get `4278202451`, and if you desaturate by 10%, it is `4278727507`.

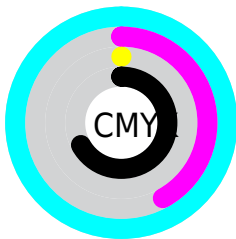
Distribution



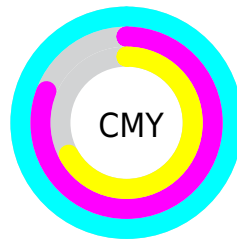
- Red (0%)
- Green (19%)
- Blue (33%)



- Red (0%)
- Yellow (12%)
- Blue (33%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202451 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 4278202451 by changing the saturation by 10% instead.

■ 4278202451

■ 4278202451

■ 4294836223

■ 4278197052

■ 4282277509

■ 4278190886

■ 4283987615

■ 4278190351

■ 4285698234

■ 4278190080

■ 4287474390

■ 4289250802

■ 4291092991

■ 4292935423

■ 4278202451

■ 4278727507

■ 4279318355

■ 4279843667

■ 4280368723

■ 4280894035

■ 4281484627

■ 4282009683

■ 4282534995

■ 4283125587

Harmonies

Analogous

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



4278203726



4278202451



4281280846

Triad

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



4278202451



4283375644



4278793755

Complementary

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



4278202451



4283638528

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.



4280627724



4278202451



4282787341

Square

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



4278202451



4283374894



4281871620



4278204206

Rectangle

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



4278202451



4282328134



4281871620



4279579925

Sweetspot

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



4278202451



4283129451



4278211363



4280429878



4290098613



4281742902

Same Dimension

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



4278202451



4278206059



4278191955



4280624937



4278205545



4278224616

Inverse Universe

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



4283629616



4285202494



4283649024



4280886567



4285071420



4293394566

Previews

White Background



This preview shows how the Android color 4278202451 looks on a white background.

Color Contrast Check

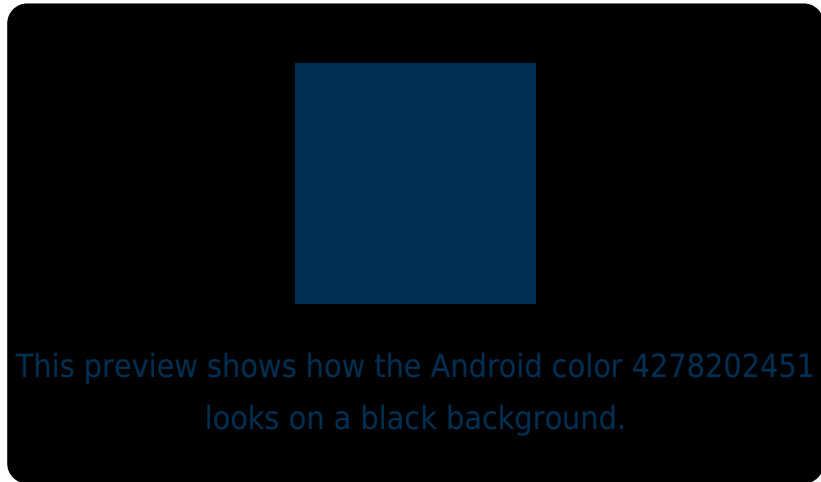
Large Text (above 18pt) WCAG AA ✓ Pass

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

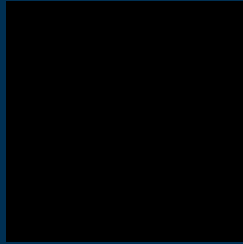
Any Text WCAG AA × Fail

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 4278202451 Background



This preview shows how black text looks on a background with the Android color 4278202451.



This preview shows how white text looks on a background with the Android color 4278202451.

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
4278202451

Protanopia
4280233553

Deuteranopia
4279054419

Trichromacy



Original Color

4278202451

Protanomaly

4279512914

Deuteranomaly

4278726739

Tritanomaly

4278203202

Monochromacy



Original Color

4278202451

Achromatopsia

4280690214

Achromatomaly

4279773750

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202451 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, 48, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 83)  
}
```

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, 48, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 83) }
```

Border

The CSS property to change the border of an element to Android 4278202451 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, 48, 83) }
```

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

```
.border{ border-color:rgb(0, 48, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 48, 83); box-shadow:4px  
4px 4px 4px rgb(0, 48, 83) }
```

Background

The CSS property to change the background color of an element to Android 4278202451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 83) }
```

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

```
.background{ background-color: rgb(0, 48,  
83) }
```

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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