

Converting Colors

Android(4278209152)

Have a look what the booklet for
Android(4278209152) contains.

Android(4278209152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Android(4278209152)

Conversions

Conversions Part 1

Format	Color
Hex	004A80
RGB	0, 74, 128
RGB Percent	0%, 29%, 50%
CMY	1.0000, 0.7098, 0.4980
CMYK	1.00, 0.42, 0.00, 0.50
HSL	205°, 100%, 25%
HSV	205°, 100%, 50%
XYZ	6.3451, 6.4561, 21.3338
YIQ	58.0300, -61.4380, 1.1060

Conversions

Conversions Part 2

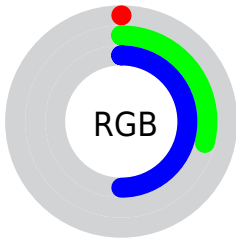
Format	Color
RYB	0, 47, 128
Decimal	19072
CIELab	30.54, 2.25, -35.93
CIELCh	31, 36.000, 273.582
Yxy	6.4561, 0.1859, 0.1891
Android (android.graphics.Color)	4278209152 (0xFF004A80)
YUV	58.0300, 34.4952, -50.8923
Hunter-Lab	25.4088, 0.1094, -31.9951

Details

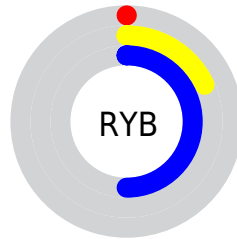
The Android color `4278209152` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4286592512`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4283202229`, and `4278198094` is the 20% darker color. If you saturate the color by 10%, you get `4278209152`, and if you desaturate by 10%, it is `4279062400`.

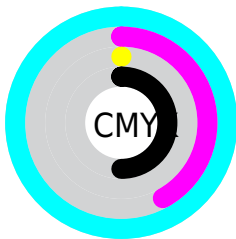
Distribution



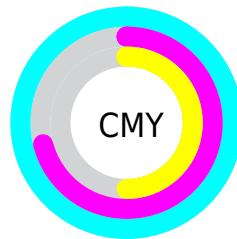
- Red (0%)
- Green (29%)
- Blue (50%)



- Red (0%)
- Yellow (18%)
- Blue (50%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (71%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278209152 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 4278209152 by changing the saturation by 10% instead.

 4278209152

 4278209152

4294967295

 4278203495

 4283202229

 4278198094

 4285109457

 4278191415

 4286951149

 4278190625

 4288793343

 4278190086

 4290635519

 4278190080

 4292607999

 4294508543

 4278209152

■ 4279062400

■ 4279915904

■ 4280703616

■ 4281557120

■ 4282410368

■ 4283263616

■ 4284117120

■ 4284904832

■ 4285758336

Harmonies

Analogous

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



4278210938



4278209152



4283252599

Triad

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



4278209152



4286067242



4278276910

Complementary

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



4278209152



4286592512

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.



4281749269



4278209152



4285152532

Square

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



4278209152



4286197062



4283648009



4278211915

Rectangle

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



4278209152



4284757866



4283648009



4280046117

Sweetspot

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



4278209152



4285829542



4278222901



4281747284



4292138196



4283716692

Same Dimension

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



4278209152



4278214822



4278193024



4281941312



4278190080

Inverse Universe

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



4286578762



4289069152



4286608640



4282399037



4278190080

Previews

White Background



This preview shows how the Android color 4278209152 looks on a white background.

Color Contrast Check

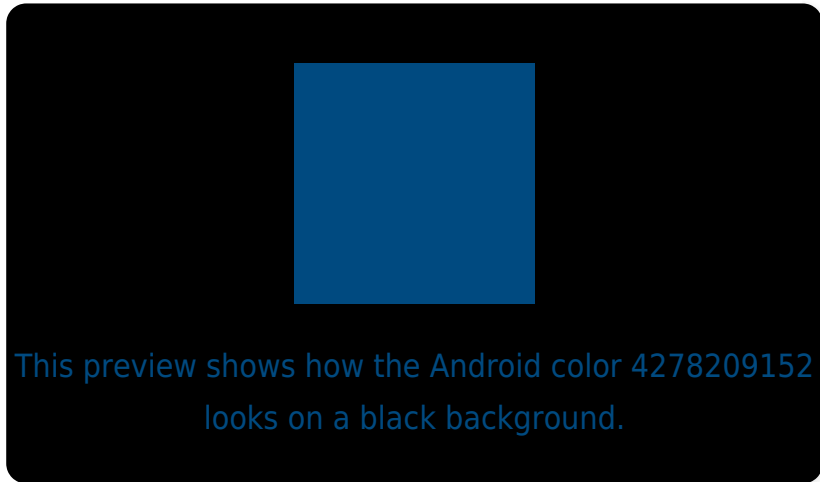
Large Text (above 18pt) WCAG AA ✓ Pass

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

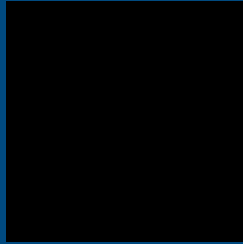
Any Text WCAG AA × Fail

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 4278209152 Background



This preview shows how black text looks on a background with the Android color 4278209152.



This preview shows how white text looks on a background with the Android color 4278209152.

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

4278209152

Protanopia

4281353853

Deuteranopia

4279585152

Trichromacy



Original Color
4278209152

Protanomaly
4280239998

Deuteranomaly
4279060864

Tritanomaly
4278210149

Monochromacy



Original Color
4278209152

Achromatopsia
4282006074

Achromatomaly
4280631379

CSS Examples

Text

The CSS property to change the color of the text to Android 4278209152 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, 74, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 128)  
}
```

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, 74, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 128) }
```

Border

The CSS property to change the border of an element to Android 4278209152 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, 74, 128) }
```

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

```
.border{ border-color:rgb(0, 74, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 128)  
}
```

Background

The CSS property to change the background color of an element to Android 4278209152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 128) }
```

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

```
.background{ background-color: rgb(0, 74,  
128) }
```

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