

Converting Colors

Android(4278203031)

Have a look what the booklet for
Android(4278203031) contains.

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Color

Android(4278203031)

Conversions

Conversions Part 1

Format	Color
Hex	003297
RGB	0, 50, 151
RGB Percent	0%, 20%, 59%
CMY	1.0000, 0.8039, 0.4078
CMYK	1.00, 0.67, 0.00, 0.41
HSL	220°, 100%, 30%
HSV	220°, 100%, 59%
XYZ	6.7265, 4.5156, 29.7952
YIQ	46.5640, -62.2210, 20.8110

Conversions

Conversions Part 2

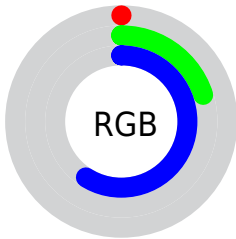
Format	Color
RYB	0, 38, 151
Decimal	12951
CIELab	25.31, 28.77, -58.63
CIELCh	25, 65.303, 296.138
Yxy	4.5156, 0.1639, 0.1100
Android (android.graphics.Color)	4278203031 (0xFF003297)
YUV	46.5640, 51.4869, -40.8366
Hunter-Lab	21.2499, 19.3158, -68.2578

Details

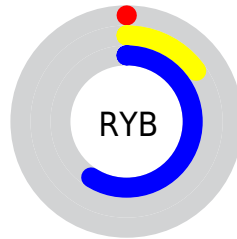
The Android color `4278203031` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288111872`, and the grayscale version is `4281216558`.

A 20% lighter version of the original color is `4283785422`, and `4278192739` is the 20% darker color. If you saturate the color by 10%, you get `4278203031`, and if you desaturate by 10%, it is `4279188631`.

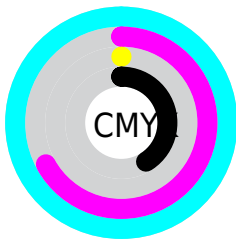
Distribution



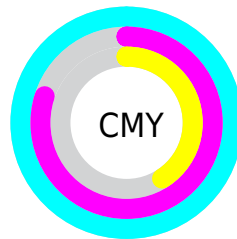
- Red (0%)
- Green (20%)
- Blue (59%)



- Red (0%)
- Yellow (15%)
- Blue (59%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (80%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278203031 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 4278203031 by changing the saturation by 10% instead.

■ 4278203031

■ 4278203031

4294967295

■ 4278197628

■ 4283785422

■ 4278192739

■ 4285757931

■ 4278190666

■ 4287730431

■ 4278191154

■ 4289637887

■ 4278190621

■ 4291545343

■ 4278190080

■ 4293518591

■ 4278203031

■ 4279188631

■ 4280174231

■ 4281159831

■ 4282145431

■ 4283196823

■ 4284182423

■ 4285168023

■ 4286153623

■ 4287139223

Harmonies

Analogous

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



4278208161



4278203031



4285399156

Triad

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



4278203031



4285799680



4278210100

Complementary

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



4278203031



4288111872

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.



4278209280



4278203031



4283447296

Square

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



4278203031



4287168533



4280108288



4278210407

Rectangle

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



4278203031



4286906453



4280108288



4278209826

Sweetspot

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



4278203031



4287208900



4278228837



4282403939



4293125091



4284703587

Same Dimension

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



4278203031



4278206916



4279828631



4282730317



4278201996



4278191117

Inverse Universe

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



4288086066



4291035201



4286486272



4283254087



4287365166



4279042052

Previews

White Background



This preview shows how the Android color 4278203031 looks on a white background.

Color Contrast Check

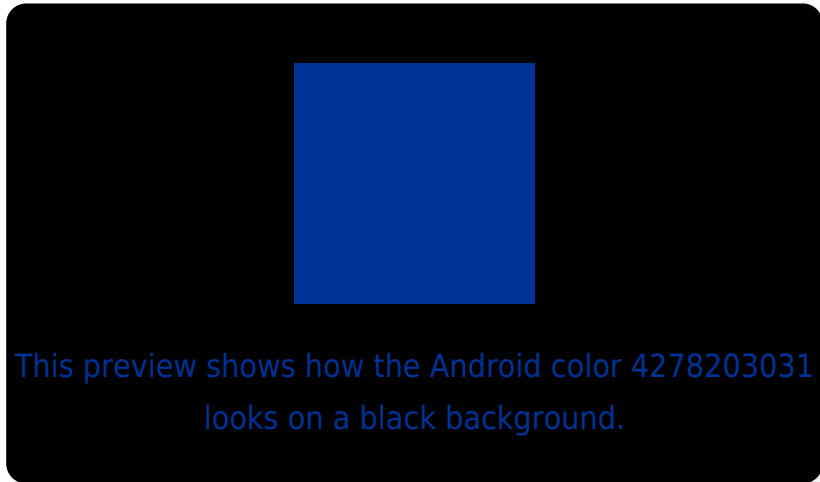
Large Text (above 18pt) WCAG AA ✓ Pass

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

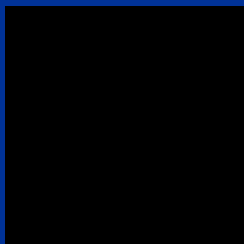
Any Text WCAG AA × Fail

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 4278203031 Background



This preview shows how black text looks on a background with the Android color 4278203031.



This preview shows how white text looks on a background with the Android color 4278203031.

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

4278203031

Protanopia

4278205051

Deuteranopia

4278206057

Trichromacy



Original Color
4278203031

Protanomaly
4278204293

Deuteranomaly
4278205050

Tritanomaly
4278205796

Monochromacy



Original Color
4278203031

Achromatopsia
4281282351

Achromatomaly
4280168533

CSS Examples

Text

The CSS property to change the color of the text to Android 4278203031 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, 50, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 151)  
}
```

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, 50, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 151) }
```

Border

The CSS property to change the border of an element to Android 4278203031 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, 50, 151) }
```

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

```
.border{ border-color:rgb(0, 50, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 151)  
}
```

Background

The CSS property to change the background color of an element to Android 4278203031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 151) }
```

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

```
.background{ background-color: rgb(0, 50,  
151) }
```

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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