

Converting Colors

Android(4278202783)

Have a look what the booklet for
Android(4278202783) contains.

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Color

Android(4278202783)

Conversions

Conversions Part 1

Format	Color
Hex	00319F
RGB	0, 49, 159
RGB Percent	0%, 19%, 62%
CMY	1.0000, 0.8078, 0.3765
CMYK	1.00, 0.69, 0.00, 0.38
HSL	222°, 100%, 31%
HSV	222°, 100%, 62%
XYZ	7.3563, 4.6998, 33.3203
YIQ	46.8890, -64.5140, 23.8220

Conversions

Conversions Part 2

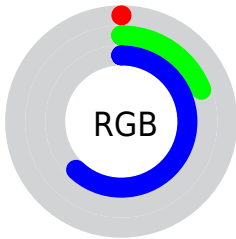
Format	Color
RYB	0, 37, 159
Decimal	12703
CIELab	25.86, 32.64, -62.60
CIELCh	26, 70.600, 297.539
Yxy	4.6998, 0.1621, 0.1036
Android (android.graphics.Color)	4278202783 (0xFF00319F)
YUV	46.8890, 55.2707, -41.1217
Hunter-Lab	21.6791, 22.6316, -75.9522

Details

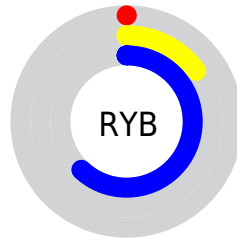
The Android color `4278202783` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288638464`, and the grayscale version is `4281216558`.

A 20% lighter version of the original color is `4283981783`, and `4278192490` is the 20% darker color. If you saturate the color by 10%, you get `4278202783`, and if you desaturate by 10%, it is `4279254175`.

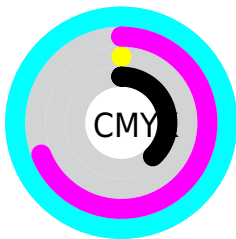
Distribution



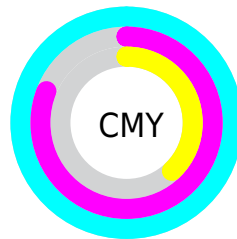
- Red (0%)
- Green (19%)
- Blue (62%)



- Red (0%)
- Yellow (15%)
- Blue (62%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (81%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202783 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 4278202783 by changing the saturation by 10% instead.

 4278202783

 4278202783

4294967295

 4278197380

 4283981783

 4278192490

 4286019828


 4278190161

 4287926783

 4278191417

 4289899775

 4278190627

 4291872767

 4278190089

 4293846015

 4278190080

 4278202783

 4279254175

■ 4280305567

■ 4281356959

■ 4282408351

■ 4283459743

■ 4284445599

■ 4285496991

■ 4286548383

■ 4287599775

Harmonies

Analogous

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



4278208428



4278202783



4285857912

Triad

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



4278202783



4285996032



4278210615

Complementary

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



4278202783



4288638464

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.



4278210048



4278202783



4283447808

Square

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



4278202783



4287627280



4279584768



4278210926

Rectangle

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



4278202783



4287430742



4279584768



4278210340

Sweetspot

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



4278202783



4287734991



4278230893



4282601321



4293454056



4285098345

Same Dimension

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



4278202783



4278206671



4280090783



4282862159



4278201487



4278191375

Inverse Universe

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



4288610353



4291756096



4286750464



4283385674



4287561772



4279173125

Previews

White Background



This preview shows how the Android color 4278202783 looks on a white background.

Color Contrast Check

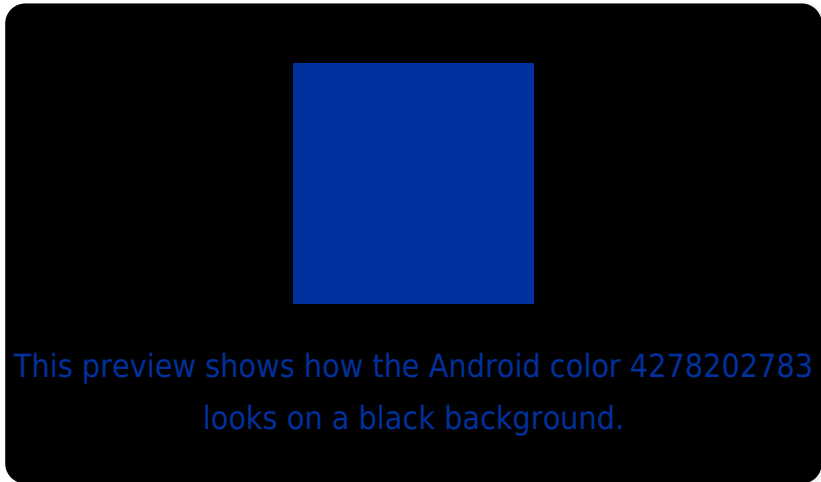
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278202783 Background



This preview shows how black text looks on a background with the Android color 4278202783.



This preview shows how white text looks on a background with the Android color 4278202783.

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

4278202783

Protanopia

4278205566

Deuteranopia

4278206571

Trichromacy



Original Color
4278202783

Protanomaly
4278204554

Deuteranomaly
4278205310

Tritanomaly
4278206056

Monochromacy



Original Color
4278202783

Achromatopsia
4281282351

Achromatomaly
4280168536

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202783 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, 49, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 159)  
}
```

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, 49, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 159) }
```

Border

The CSS property to change the border of an element to Android 4278202783 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, 49, 159) }
```

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

```
.border{ border-color:rgb(0, 49, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 159)  
}
```

Background

The CSS property to change the background color of an element to Android 4278202783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 159) }
```

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

```
.background{ background-color: rgb(0, 49,  
159) }
```

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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