

Converting Colors

Android(4278191781)

Have a look what the booklet for
Android(4278191781) contains.

Android(4278191781)	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(4278191781)

Conversions

Conversions Part 1

Format	Color
Hex	0006A5
RGB	0, 6, 165
RGB Percent	0%, 2%, 65%
CMY	1.0000, 0.9765, 0.3529
CMYK	1.00, 0.96, 0.00, 0.35
HSL	238°, 100%, 32%
HSV	238°, 100%, 65%
XYZ	6.8567, 2.8469, 35.7854
YIQ	22.3320, -54.6150, 48.1770

Conversions

Conversions Part 2

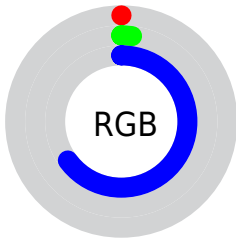
Format	Color
RYB	0, 6, 165
Decimal	1701
CIELab	19.42, 55.47, -76.95
CIElCh	19, 94.861, 305.786
Yxy	2.8469, 0.1507, 0.0626
Android (android.graphics.Color)	4278191781 (0xFF0006A5)
YUV	22.3320, 70.3353, -19.5852
Hunter-Lab	16.8726, 43.0112, -113.9381

Details

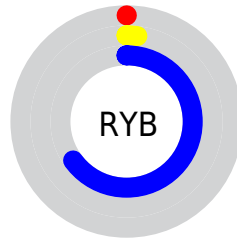
The Android color `4278191781` is a dark color, and the websafe version is hex `000099`. A complement of this color would be `4289044224`, and the grayscale version is `4279637526`.

A 20% lighter version of the original color is `4284366046`, and `4278190191` is the 20% darker color. If you saturate the color by 10%, you get `4278191781`, and if you desaturate by 10%, it is `4279244453`.

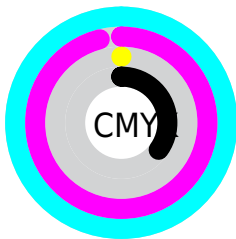
Distribution



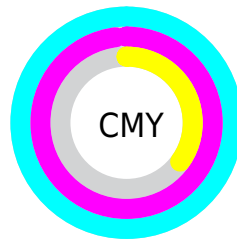
- Red (0%)
- Green (2%)
- Blue (65%)



- Red (0%)
- Yellow (2%)
- Blue (65%)



- Cyan (100%)
- Magenta (96%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278191781 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 4278191781 by changing the saturation by 10% instead.

 4278191781

 4278191781

 4294966015

 4278190218

 4284366046

 4278190191

 4286469883

 4278191190

 4288442367

 4278191677

 4290480895

 4278190887

 4292453887

 4278190352

 4294492415

 4278190080

 4294958591

 4278191781

■ 4279244453

■ 4280362661

■ 4281480869

■ 4282533541

■ 4283585957

■ 4284704165

■ 4285756837

■ 4286875045

■ 4287927717

Harmonies

Analogous

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



4278205377



4278191781



4286775402

Triad

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



4278191781



4284810496



4278207292

Complementary

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



4278191781



4289044224

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.



4278206720



4278191781



4281283072

Square

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



4278191781



4287234048



4278205696



4278208130

Rectangle

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



4278191781



4288086076



4278205696



4278207011

Sweetspot

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



4278191781



4288059606



4278232477



4282730091



4293651435



4285229931

Same Dimension

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



4278191781



4278192342



4283039909



4282993234



4278191505



4278190354

Inverse Universe

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



4289003526



4292214792



4284196096



4283582794



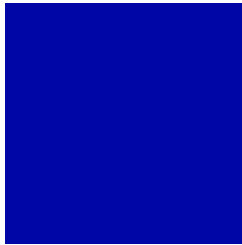
4287692805



4279369729

Previews

White Background



This preview shows how the Android color 4278191781 looks on a white background.

Color Contrast Check

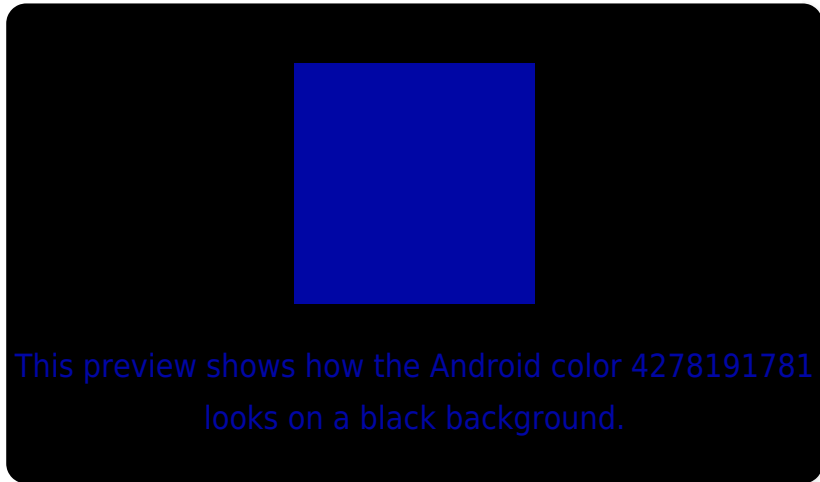
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278191781 Background



This preview shows how black text looks on a background with the Android color 4278191781.



This preview shows how white text looks on a background with the Android color 4278191781.

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
4278191781

Protanopia
4278202469

Deuteranopia
4278203478

Trichromacy



Original Color

4278191781

Protanomaly

4278198652

Deuteranomaly

4278199155

Tritanomaly

4278199905

Monochromacy



Original Color

4278191781

Achromatopsia

4279637526

Achromatomaly

4279111754

CSS Examples

Text

The CSS property to change the color of the text to Android 4278191781 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, 6, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 6, 165)  
}
```

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, 6, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 6, 165) }
```

Border

The CSS property to change the border of an element to Android 4278191781 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, 6, 165) }
```

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

```
.border{ border-color:rgb(0, 6, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 6, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 6, 165); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 6, 165); box-shadow:4px  
4px 4px 4px rgb(0, 6, 165) }
```

Background

The CSS property to change the background color of an element to Android 4278191781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 6, 165) }
```

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

```
.background{ background-color: rgb(0, 6,  
165) }
```

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