

Converting Colors

Android(4278197917)

Have a look what the booklet for
Android(4278197917) contains.

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Color

Android(4278197917)

Conversions

Conversions Part 1

Format	Color
Hex	001E9D
RGB	0, 30, 157
RGB Percent	0%, 12%, 62%
CMY	1.0000, 0.8824, 0.3843
CMYK	1.00, 0.81, 0.00, 0.38
HSL	229°, 100%, 31%
HSV	229°, 100%, 62%
XYZ	6.5501, 3.3629, 32.2022
YIQ	35.5080, -58.6470, 33.1370

Conversions

Conversions Part 2

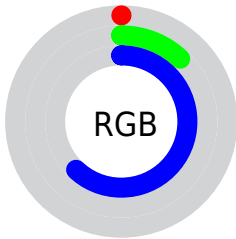
Format	Color
RYB	0, 25, 157
Decimal	7837
CIELab	21.44, 43.60, -68.70
CIELCh	21, 81.366, 302.405
Yxy	3.3629, 0.1555, 0.0798
Android (android.graphics.Color)	4278197917 (0xFF001E9D)
YUV	35.5080, 59.8956, -31.1405
Hunter-Lab	18.3381, 31.6656, -91.2779

Details

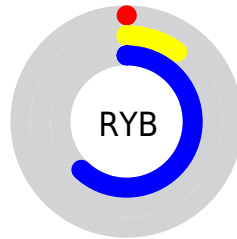
The Android color **4278197917** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **4288511744**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4284107989**, and **4278190184** is the 20% darker color. If you saturate the color by 10%, you get **4278197917**, and if you desaturate by 10%, it is **4279249821**.

Distribution



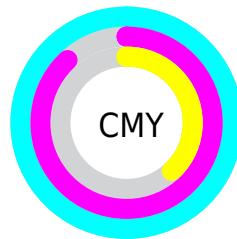
- Red (0%)
- Green (12%)
- Blue (62%)



- Red (0%)
- Yellow (10%)
- Blue (62%)



- Cyan (100%)
- Magenta (81%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (88%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278197917 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 4278197917 by changing the saturation by 10% instead.

 4278197917

 4278197917

4294967295

 4278192258

 4284107989

 4278190184

 4286080498

 4278191439

 4288052991

 4278191415

 4290025727

 4278190625

 4291998719

 4278190085

 4293971967

 4278190080

 4294962175

 4278197917

■ 4279249821

■ 4280235933

■ 4281287837

■ 4282339741

■ 4283391645

■ 4284377757

■ 4285429661

■ 4286481565

■ 4287467677

Harmonies

Analogous

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



4278206129



4278197917



4286054509

Triad

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



4278197917



4285140736



4278208311

Complementary

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



4278197917



4288511744

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.



4278207488



4278197917



4282135552

Square

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



4278197917



4287168512



4278206464



4278208628

Rectangle

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



4278197917



4287496262



4278206464



4278208034

Sweetspot

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



4278197917



4287601356



4278230398



4282468454



4293322470



4284900966

Same Dimension

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



4278197917



4278200268



4281270429



4282861903



4278197135



4278190863

Inverse Universe

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



4288479262



4291559463



4285439232



4283385673



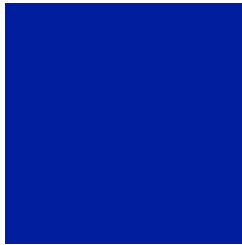
4287561755



4279173123

Previews

White Background



This preview shows how the Android color 4278197917 looks on a white background.

Color Contrast Check

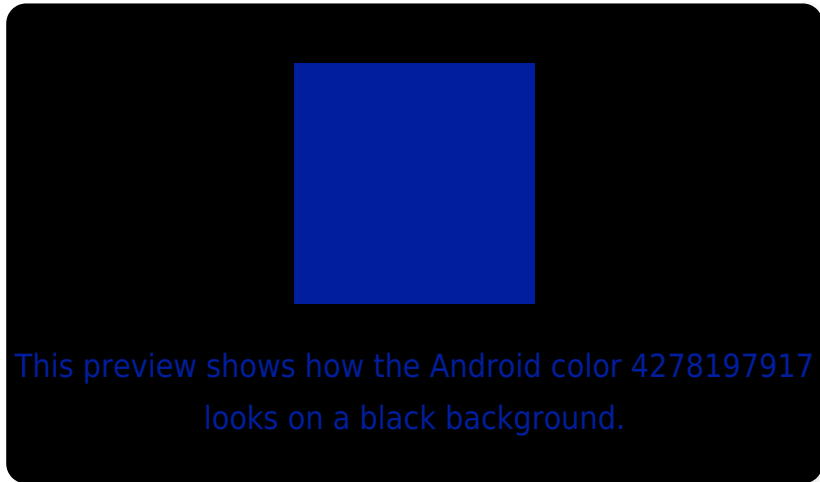
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278197917 Background



This preview shows how black text looks on a background with the Android color 4278197917.



This preview shows how white text looks on a background with the Android color 4278197917.

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

4278197917

Protanopia

4278203243

Deuteranopia

4278203995

Trichromacy



Original Color
4278197917

Protanomaly
4278201213

Deuteranomaly
4278201715

Tritanomaly
4278202464

Monochromacy



Original Color
4278197917

Achromatopsia
4280558628

Achromatomaly
4279706192

CSS Examples

Text

The CSS property to change the color of the text to Android 4278197917 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, 30, 157)` looks like.

```
.text, #text, p{  
    color:rgb(0, 30, 157)  
}
```

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, 30, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 30, 157) }
```

Border

The CSS property to change the border of an element to Android 4278197917 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, 30, 157) }
```

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

```
.border{ border-color:rgb(0, 30, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 30, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 30, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 30, 157);  
box-shadow:4px 4px 4px 4px rgb(0, 30, 157)  
}
```

Background

The CSS property to change the background color of an element to Android 4278197917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 30, 157) }
```

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

```
.background{ background-color: rgb(0, 30,  
157) }
```

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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