

Converting Colors

Android(4278196167)

Have a look what the booklet for
Android(4278196167) contains.

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Color

Android(4278196167)

Conversions

Conversions Part 1

Format	Color
Hex	0017C7
RGB	0, 23, 199
RGB Percent	0%, 9%, 78%
CMY	1.0000, 0.9098, 0.2196
CMYK	1.00, 0.88, 0.00, 0.22
HSL	233°, 100%, 39%
HSV	233°, 100%, 78%
XYZ	10.6152, 4.7363, 54.3875
YIQ	36.1870, -70.2040, 49.8600

Conversions

Conversions Part 2

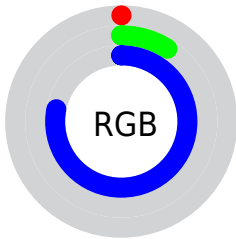
Format	Color
RYB	0, 21, 199
Decimal	6087
CIELab	25.97, 59.88, -86.33
CIELCh	26, 105.062, 304.748
Yxy	4.7363, 0.1522, 0.0679
Android (android.graphics.Color)	4278196167 (0xFF0017C7)
YUV	36.1870, 80.2668, -31.7360
Hunter-Lab	21.7631, 48.9801, -132.9360

Details

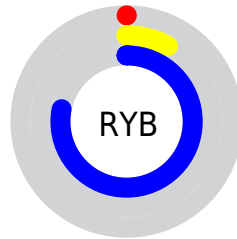
The Android color **4278196167** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4291276800**, and the grayscale version is **4280492835**.

A 20% lighter version of the original color is **4285025023**, and **4278190223** is the 20% darker color. If you saturate the color by 10%, you get **4278196167**, and if you desaturate by 10%, it is **4279511495**.

Distribution



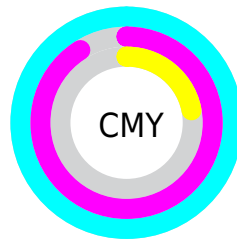
- Red (0%)
- Green (9%)
- Blue (78%)



- Red (0%)
- Yellow (8%)
- Blue (78%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (91%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278196167 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 4278196167 by changing the saturation by 10% instead.

 4278196167

 4278196167

4294967295

 4278190251

 4285025023


 4278190223

 4287194367

 4278190197

 4289298175

 4278193499

 4291336703

 4278191938

 4293375231

 4278190891

 4294955263

 4278190357

 4294962687

 4278190080

 4278196167

 4279511495

 4280826567

 4282141895

 4283456967

 4284772295

 4286022087

 4287337159

 4288652487

 4289967559

Harmonies

Analogous

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



4278209510



4278196167



4288479364

Triad

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



4278196167



4286516480



4278211913

Complementary

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



4278196167



4291276800

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.



4278211072



4278196167



4282466304

Square

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



4278196167



4289265664



4278210048



4278212506

Rectangle

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



4278196167



4290052176



4278210048



4278211629

Sweetspot

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



4278196167



4289969151



4278241200



4283586432



4278190080



4286611584

Same Dimension

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



4278196167



4278197759



4283171015



4284111715



4278195107



4278191140

Inverse Universe

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



4291231767



4294901789



4286301952



4284701275



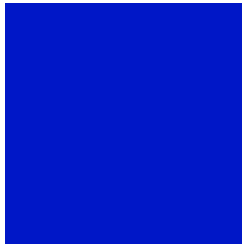
4288872467



4280549380

Previews

White Background



This preview shows how the Android color 4278196167 looks on a white background.

Color Contrast Check

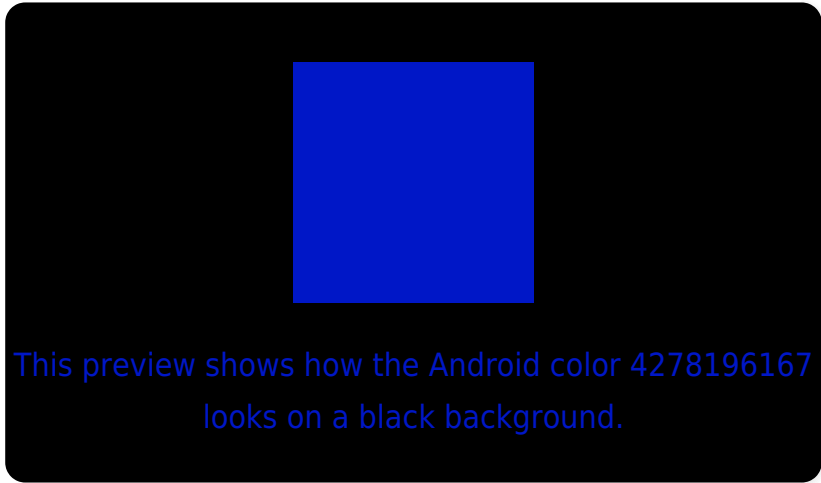
Large Text (above 18pt) WCAG AA ✓ Pass

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

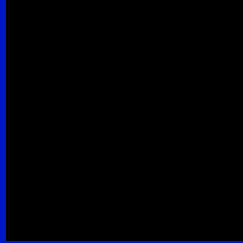
Any Text WCAG AA × Fail

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 4278196167 Background



This preview shows how black text looks on a background with the Android color 4278196167.



This preview shows how white text looks on a background with the Android color 4278196167.

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

4278196167

Protanopia

4278205567

Deuteranopia

4278206571

Trichromacy



Original Color

4278196167

Protanomaly

4278202265

Deuteranomaly

4278202764

Tritanomaly

4278203511

Monochromacy



Original Color

4278196167

Achromatopsia

4280558628

Achromatomaly

4279705439

CSS Examples

Text

The CSS property to change the color of the text to Android 4278196167 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, 23, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 199)  
}
```

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, 23, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 199) }
```

Border

The CSS property to change the border of an element to Android 4278196167 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, 23, 199) }
```

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

```
.border{ border-color:rgb(0, 23, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 199)  
}
```

Background

The CSS property to change the background color of an element to Android 4278196167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 199) }
```

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

```
.background{ background-color: rgb(0, 23,  
199) }
```

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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