

Converting Colors

Android(4278193280)

Have a look what the booklet for
Android(4278193280) contains.

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Color

Android(4278193280)

Conversions

Conversions Part 1

Format	Color
Hex	000C80
RGB	0, 12, 128
RGB Percent	0%, 5%, 50%
CMY	1.0000, 0.9529, 0.4980
CMYK	1.00, 0.91, 0.00, 0.50
HSL	234°, 100%, 25%
HSV	234°, 100%, 50%
XYZ	4.0278, 1.8215, 20.5614
YIQ	21.6360, -44.3880, 33.5320

Conversions

Conversions Part 2

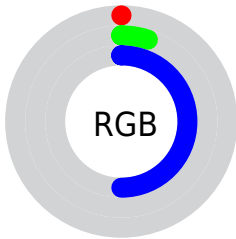
Format	Color
RYB	0, 11, 128
Decimal	3200
CIELab	14.52, 42.76, -62.12
CIELCh	15, 75.417, 304.543
Yxy	1.8215, 0.1525, 0.0690
Android (android.graphics.Color)	4278193280 (0xFF000C80)
YUV	21.6360, 52.4375, -18.9748
Hunter-Lab	13.4961, 29.6529, -80.8810

Details

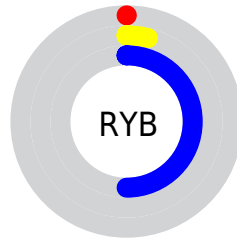
The Android color **4278193280** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4286608384**, and the grayscale version is **4279571733**.

A 20% lighter version of the original color is **4283513782**, and **4278190157** is the 20% darker color. If you saturate the color by 10%, you get **4278193280**, and if you desaturate by 10%, it is **4279048320**.

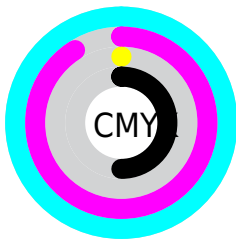
Distribution



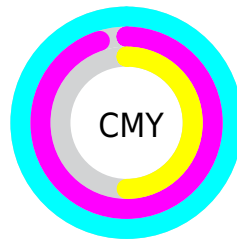
- Red (0%)
- Green (5%)
- Blue (50%)



- Red (0%)
- Yellow (4%)
- Blue (50%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (95%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193280 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 4278193280 by changing the saturation by 10% instead.

 4278193280

 4278193280

 4294964479

 4278190182

 4283513782

 4278190157

 4285486034

 4278191413

 4287393007

 4278190623

 4289300223

 4278190082

 4291207423

 4278190080

 4293180415

 4294957055

 4278193280

■ 4279048320

■ 4279903104

■ 4280692608

■ 4281547392

■ 4282402432

■ 4283257472

■ 4284112256

■ 4284901760

■ 4285756544

Harmonies

Analogous

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



4278202004



4278193280



4284743764

Triad

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



4278193280



4283434496



4278203692

Complementary

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



4278193280



4286608384

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.



4278203392



4278193280



4280821248

Square

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



4278193280



4285267968



4278202368



4278204514

Rectangle

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



4278193280



4285792305



4278202368



4278203417

Sweetspot

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



4278193280



4285823398



4278222963



4281743700



4292138196



4283716692

Same Dimension

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



4278193280



4278194342



4281532544



4281940544



4278190080

Inverse Universe

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



4286578700



4289069072



4283269120



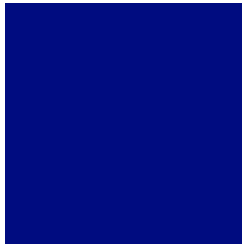
4282399034



4278190080

Previews

White Background



This preview shows how the Android color 4278193280 looks on a white background.

Color Contrast Check

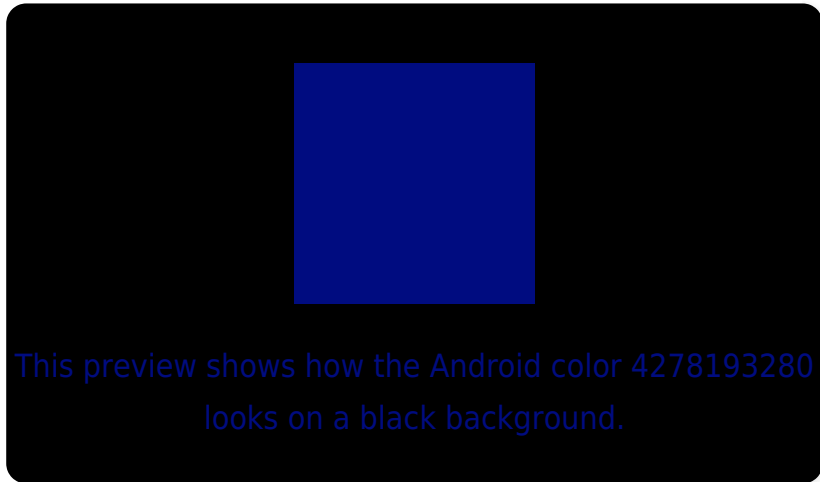
Large Text (above 18pt) WCAG AA ✓ Pass

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

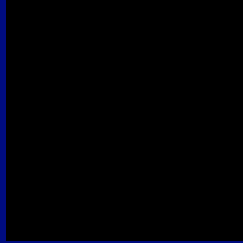
Any Text WCAG AA × Fail

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 4278193280 Background



This preview shows how black text looks on a background with the Android color 4278193280.



This preview shows how white text looks on a background with the Android color 4278193280.

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

4278193280

Protanopia

4278199888

Deuteranopia

4278200644

Trichromacy



Original Color
4278193280

Protanomaly
4278197601

Deuteranomaly
4278197850

Tritanomaly
4278198348

Monochromacy



Original Color
4278193280

Achromatopsia
4279637526

Achromatomaly
4279112253

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193280 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, 12, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 128)  
}
```

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, 12, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 128) }
```

Border

The CSS property to change the border of an element to Android 4278193280 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, 12, 128) }
```

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

```
.border{ border-color:rgb(0, 12, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 128)  
}
```

Background

The CSS property to change the background color of an element to Android 4278193280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 128) }
```

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

```
.background{ background-color: rgb(0, 12,  
128) }
```

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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