

Converting Colors

Android(4278196041)

Have a look what the booklet for
Android(4278196041) contains.

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Color

Android(4278196041)

Conversions

Conversions Part 1

Format	Color
Hex	001749
RGB	0, 23, 73
RGB Percent	0%, 9%, 29%
CMY	1.0000, 0.9098, 0.7137
CMYK	1.00, 0.68, 0.00, 0.71
HSL	221°, 100%, 14%
HSV	221°, 100%, 29%
XYZ	1.5090, 1.0938, 6.4349
YIQ	21.8230, -29.7580, 10.6740

Conversions

Conversions Part 2

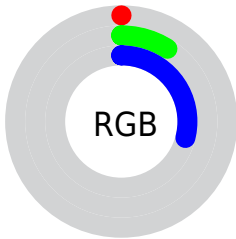
Format	Color
RYB	0, 17, 73
Decimal	5961
CIELab	9.75, 14.68, -33.51
CIELCh	10, 36.580, 293.653
Yxy	1.0938, 0.1670, 0.1210
Android (android.graphics.Color)	4278196041 (0xFF001749)
YUV	21.8230, 25.2303, -19.1388
Hunter-Lab	10.4586, 7.4517, -29.1585

Details

The Android color **4278196041** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282987008**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4282073466**, and **4278190620** is the 20% darker color. If you saturate the color by 10%, you get **4278196041**, and if you desaturate by 10%, it is **4278656073**.

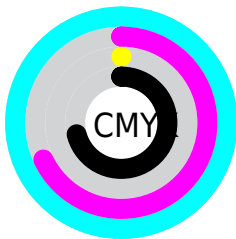
Distribution



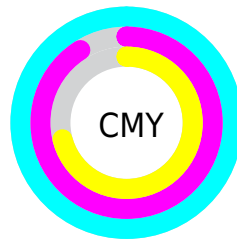
- Red (0%)
- Green (9%)
- Blue (29%)



- Red (0%)
- Yellow (7%)
- Blue (29%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278196041 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 4278196041 by changing the saturation by 10% instead.

■ 4278196041

■ 4278196041

■ 4294637823

■ 4278190130

■ 4282073466

■ 4278190620

■ 4283783316

■ 4278190080

■ 4285493679

■ 4287204043

■ 4288980199

■ 4290822143

■ 4292729855

■ 4278196041

■ 4278656073

■ 4279181641

■ 4279641673

■ 4280101705

■ 4280627273

■ 4281087305

■ 4281547337

■ 4282007369

■ 4282532937

Harmonies

Analogous

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



4278198349



4278196041



4281468473

Triad

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



4278196041



4281928448



4278199829

Complementary

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



4278196041



4282987008

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.



4278199296



4278196041



4280752128

Square

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



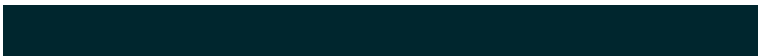
4278196041



4282580994



4279181056



4278199854

Rectangle

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



4278196041



4282253353



4279181056



4278199817

Sweetspot

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



4278196041



4282534750



4278208818



4280231216



4289769648



4281348144

Same Dimension

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



4278196041



4278197854



4279042121



4280295716



4278198115



4278208739

Inverse Universe

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



4282974231



4284350494



4282140928



4280557601



4284678175



4293066824

Previews

White Background



This preview shows how the Android color 4278196041 looks on a white background.

Color Contrast Check

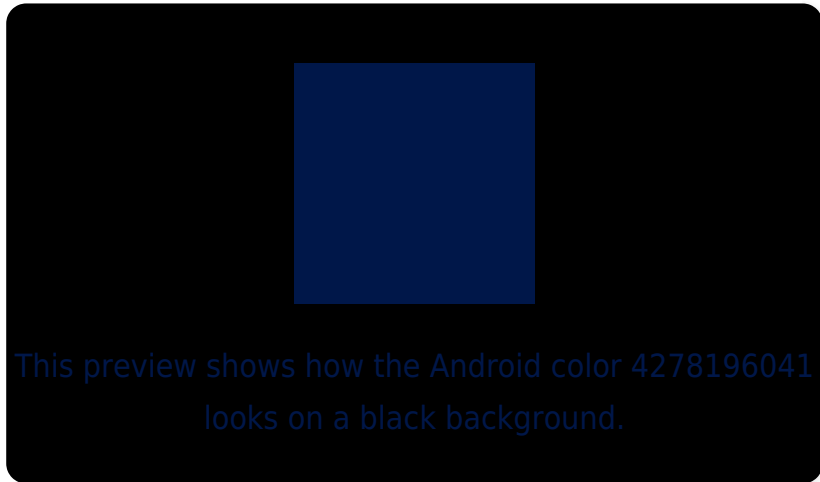
Large Text (above 18pt) WCAG AA ✓ Pass

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

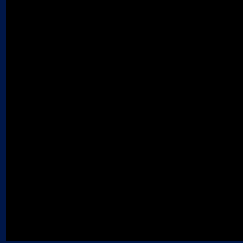
Any Text WCAG AA × Fail

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 4278196041 Background



This preview shows how black text looks on a background with the Android color 4278196041.



This preview shows how white text looks on a background with the Android color 4278196041.

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
4278196041

Protanopia
4278197306

Deuteranopia
4278197810

Trichromacy



Original Color

4278196041

Protanomaly

4278196799

Deuteranomaly

4278197050

Tritanomaly

4278197552

Monochromacy



Original Color

4278196041

Achromatopsia

4279637526

Achromatomaly

4279113257

CSS Examples

Text

The CSS property to change the color of the text to Android 4278196041 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 73) }
```

Border

The CSS property to change the border of an element to Android 4278196041 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, 73) }
```

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

```
.border{ border-color:rgb(0, 23, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 73); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 23, 73); box-shadow:4px  
4px 4px 4px rgb(0, 23, 73) }
```

Background

The CSS property to change the background color of an element to Android 4278196041 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, 73) }
```

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

```
.background{ background-color: rgb(0, 23,  
73) }
```

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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