

Converting Colors

Android(4278201716)

Have a look what the booklet for
Android(4278201716) contains.

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Color

Android(4278201716)

Conversions

Conversions Part 1

Format	Color
Hex	002D74
RGB	0, 45, 116
RGB Percent	0%, 18%, 45%
CMY	1.0000, 0.8235, 0.5451
CMYK	1.00, 0.61, 0.00, 0.55
HSL	217°, 100%, 23%
HSV	217°, 100%, 45%
XYZ	4.0908, 3.1377, 16.9130
YIQ	39.6390, -49.6110, 12.5410

Conversions

Conversions Part 2

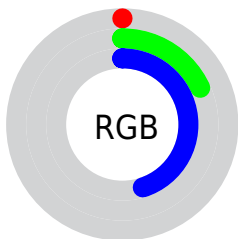
Format	Color
RYB	0, 32, 116
Decimal	11636
CIELab	20.59, 17.52, -44.43
CIELCh	21, 47.759, 291.521
Yxy	3.1377, 0.1694, 0.1300
Android (android.graphics.Color)	4278201716 (0xFF002D74)
YUV	39.6390, 37.6460, -34.7634
Hunter-Lab	17.7136, 10.2238, -44.2107

Details

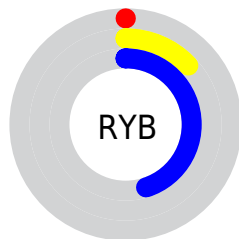
The Android color **4278201716** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285810432**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4282997417**, and **4278190147** is the 20% darker color. If you saturate the color by 10%, you get **4278201716**, and if you desaturate by 10%, it is **4278989940**.

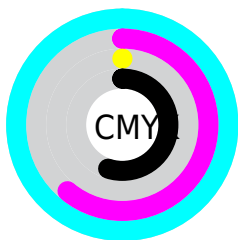
Distribution



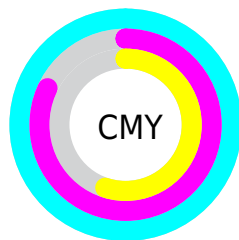
- Red (0%)
- Green (18%)
- Blue (45%)



- Red (0%)
- Yellow (13%)
- Blue (45%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (82%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201716 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 4278201716 by changing the saturation by 10% instead.

 4278201716

 4278201716

4294967295

 4278196571

 4282997417

 4278190147

 4284838596

 4278190892

 4286680289

 4278190358

 4288521981

 4278190080

 4290363903

 4292271615

 4294245119

 4278201716

■ 4278989940

■ 4279712628

■ 4280500852

■ 4281223540

■ 4282011764

■ 4282800244

■ 4283522932

■ 4284311156

■ 4285033844

Harmonies

Analogous

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



4278204792



4278201716



4283438942

Triad

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



4278201716



4284422656



4278206246

Complementary

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



4278201716



4285810432

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.



4278205696



4278201716



4282789120

Square

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



4278201716



4285267995



4280694528



4278206539

Rectangle

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



4278201716



4284678217



4280694528



4278206234

Sweetspot

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



4278201716



4285102998



4278219846



4281416781



4291611852



4283256141

Same Dimension

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



4278201716



4278205078



4278976628



4281677627



4278202234



4278215162

Inverse Universe

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



4285792301



4288020538



4285035520



4282070327



4286185519



4294574177

Previews

White Background



This preview shows how the Android color 4278201716 looks on a white background.

Color Contrast Check

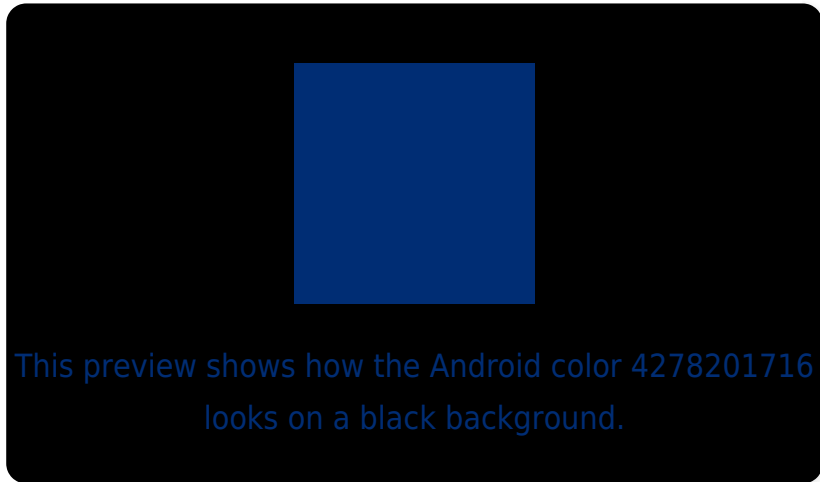
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278201716 Background



This preview shows how black text looks on a background with the Android color 4278201716.



This preview shows how white text looks on a background with the Android color 4278201716.

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
4278201716

Protanopia
4278202727

Deuteranopia
4278203480

Trichromacy



Original Color

4278201716

Protanomaly

4278202476

Deuteranomaly

4278202722

Tritanomaly

4278203472

Monochromacy



Original Color

4278201716

Achromatopsia

4280821800

Achromatomaly

4279839300

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201716 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, 45, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 116)  
}
```

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, 45, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 116) }
```

Border

The CSS property to change the border of an element to Android 4278201716 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, 45, 116) }
```

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

```
.border{ border-color:rgb(0, 45, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 116)  
}
```

Background

The CSS property to change the background color of an element to Android 4278201716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 116) }
```

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

```
.background{ background-color: rgb(0, 45,  
116) }
```

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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