

Converting Colors

Android(4278208406)

Have a look what the booklet for
Android(4278208406) contains.

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Color

Android(4278208406)

Conversions

Conversions Part 1

Format	Color
Hex	004796
RGB	0, 71, 150
RGB Percent	0%, 28%, 59%
CMY	1.0000, 0.7216, 0.4118
CMYK	1.00, 0.53, 0.00, 0.41
HSL	212°, 100%, 29%
HSV	212°, 100%, 59%
XYZ	7.7583, 6.7085, 29.7401
YIQ	58.7770, -67.6750, 9.5170

Conversions

Conversions Part 2

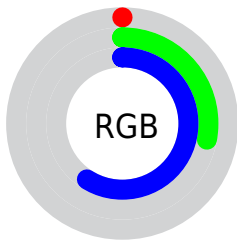
Format	Color
RYB	0, 48, 150
Decimal	18326
CIELab	31.13, 13.73, -48.50
CIELCh	31, 50.406, 285.806
Yxy	6.7085, 0.1755, 0.1518
Android (android.graphics.Color)	4278208406 (0xFF004796)
YUV	58.7770, 44.9729, -51.5474
Hunter-Lab	25.9007, 8.1413, -49.9483

Details

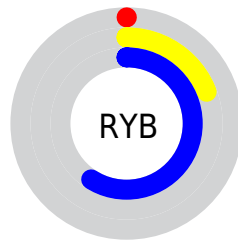
The Android color `4278208406` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4288040704`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4283660237`, and `4278197602` is the 20% darker color. If you saturate the color by 10%, you get `4278208406`, and if you desaturate by 10%, it is `4279193494`.

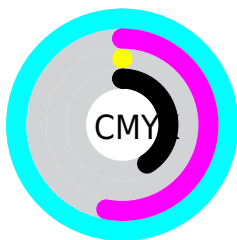
Distribution



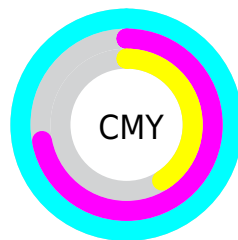
- Red (0%)
- Green (28%)
- Blue (59%)



- Red (0%)
- Yellow (19%)
- Blue (59%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (72%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208406 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 4278208406 by changing the saturation by 10% instead.

 4278208406

 4278208406

4294967295

 4278202748

 4283660237

 4278197602

 4285632745

 4278190666

 4287540223

 4278191154

 4289447679

 4278190620

 4291355391

 4278190080

 4293328639

 4278208406

 4279193494

■ 4280178582

■ 4281163670

■ 4282148758

■ 4283133590

■ 4284118678

■ 4285103766

■ 4286088854

■ 4287073942

Harmonies

Analogous

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



4278211478



4278208406



4284757121

Triad

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



4278208406



4286721296



4278212916

Complementary

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



4278208406



4288040704

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.



4279260680



4278208406



4285088000

Square

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



4278208406



4287502902



4282863104



4278213214

Rectangle

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



4278208406



4286391402



4282863104



4278212647

Sweetspot

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



4278208406



4287144898



4278228558



4282273633



4292927712



4284572001

Same Dimension

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



4278208406



4278213826



4278321302



4282598986



4278206858



4278191370

Inverse Universe

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



4288020551



4290904156



4287927808



4283056966



4287234113



4278845445

Previews

White Background



This preview shows how the Android color 4278208406 looks on a white background.

Color Contrast Check

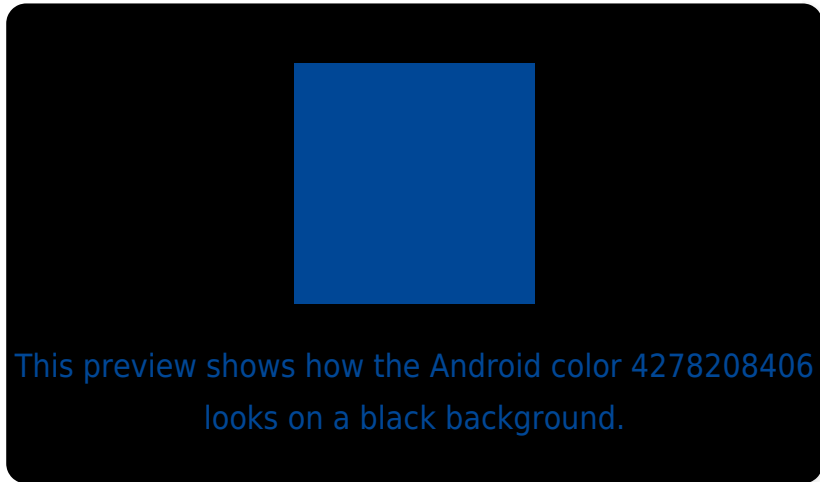
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278208406 Background



This preview shows how black text looks on a background with the Android color 4278208406.

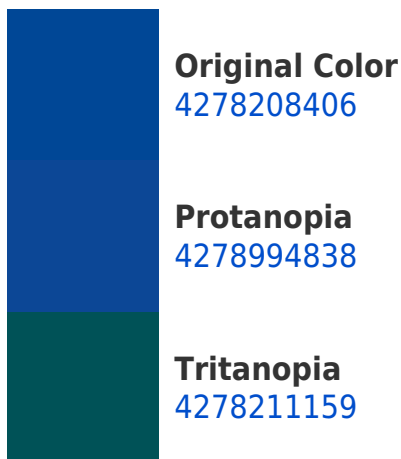


This preview shows how white text looks on a background with the Android color 4278208406.

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



Trichromacy



Original Color
4278208406

Protanomaly
4278732694

Tritanomaly
4278210158

Monochromacy



Original Color
4278208406

Achromatopsia
4282071867

Achromatomaly
4280696668

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208406 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, 71, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 150)  
}
```

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, 71, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 150) }
```

Border

The CSS property to change the border of an element to Android 4278208406 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, 71, 150) }
```

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

```
.border{ border-color:rgb(0, 71, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 150)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 150) }
```

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

```
.background{ background-color: rgb(0, 71,  
150) }
```

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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