

Converting Colors

Android(4278210212)

Have a look what the booklet for
Android(4278210212) contains.

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Color

Android(4278210212)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 004EA4 |
| RGB | 0, 78, 164 |
| RGB Percent | 0%, 31%, 64% |
| CMY | 1.0000, 0.6941, 0.3569 |
| CMYK | 1.00, 0.52, 0.00, 0.36 |
| HSL | 211°, 100%, 32% |
| HSV | 211°, 100%, 64% |
| XYZ | 9.4252, 8.1291, 36.1943 |
| YIQ | 64.4820, -74.0940, 10.2100 |

Conversions

Conversions Part 2

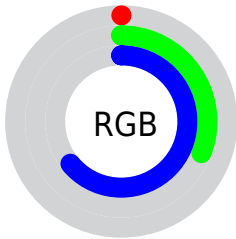
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 53, 164 |
| Decimal | 20132 |
| CIELab | 34.25, 14.83, -51.91 |
| CIELCh | 34, 53.984, 285.950 |
| Yxy | 8.1291, 0.1754, 0.1512 |
| Android (android.graphics.Color) | 4278210212 (0xFF004EA4) |
| YUV | 64.4820, 49.0624, -56.5507 |
| Hunter-Lab | 28.5116, 9.1124, -55.3080 |

Details

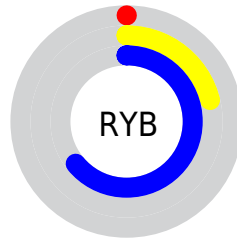
The Android color `4278210212` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4288960000`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4283989724`, and `4278199151` is the 20% darker color. If you saturate the color by 10%, you get `4278210212`, and if you desaturate by 10%, it is `4279261092`.

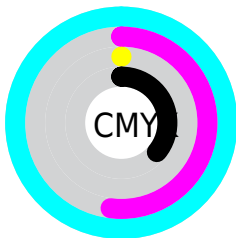
Distribution



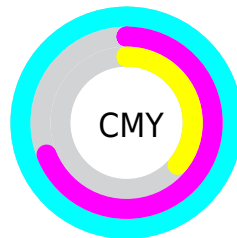
- Red (0%)
- Green (31%)
- Blue (64%)



- Red (0%)
- Yellow (21%)
- Blue (64%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278210212 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 4278210212 by changing the saturation by 10% instead.

 4278210212

 4278210212

4294967295

 4278204553

 4283989724

 4278199151

 4285962489


 4278194006

 4287869951

 4278191678

 4289842943

 4278190887

 4291750655

 4278190353

 4293722111

 4278190080

 4278210212

 4279261092

■ 4280377252

■ 4281428132

■ 4282544292

■ 4283595172

■ 4284646052

■ 4285762212

■ 4286813092

■ 4287929252

Harmonies

Analogous

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



4278213540



4278210212



4285413773

Triad

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



4278210212



4287509010



4278215226

Complementary

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



4278210212



4288960000

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.



4279328265



4278210212



4285744896

Square

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



4278210212



4288355644



4283258368



4278215527

Rectangle

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



4278210212



4287178868



4283258368



4278214955

Sweetspot

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



4278210212



4288067030



4278232149



4282734443



4293651435



4285229931

Same Dimension

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



4278210212



4278216406



4278386852



4282994002



4278207889



4278192146

Inverse Universe

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



4288938062



4292214886



4288783360



4283582797



4287692869



4279369736

Previews

White Background



This preview shows how the Android color 4278210212 looks on a white background.

Color Contrast Check

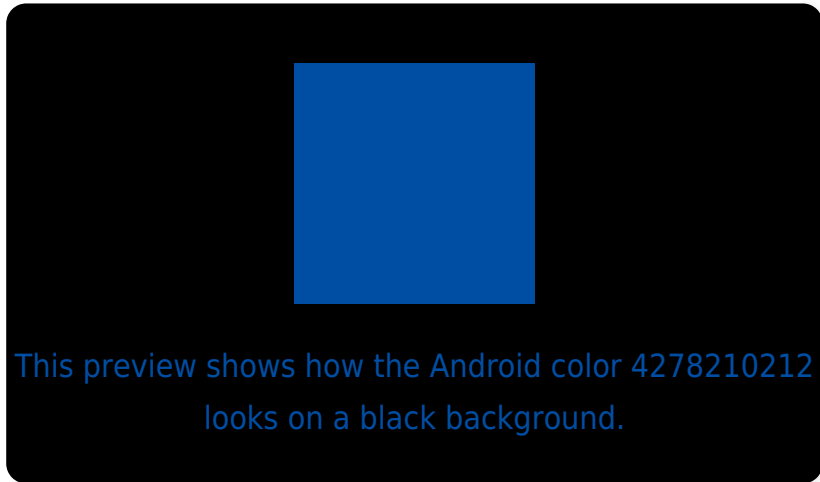
Large Text (above 18pt) WCAG AA ✓ Pass

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

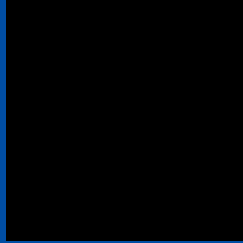
Any Text WCAG AA × Fail

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 4278210212 Background



This preview shows how black text looks on a background with the Android color 4278210212.



This preview shows how white text looks on a background with the Android color 4278210212.

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

4278210212

Protanopia

4279258788

Deuteranopia

4278211471

Trichromacy



Original Color
4278210212

Protanomaly
4278865572

Deuteranomaly
4278210967

Tritanomaly
4278212216

Monochromacy



Original Color
4278210212

Achromatopsia
4282400832

Achromatomaly
4280894820

CSS Examples

Text

The CSS property to change the color of the text to Android 4278210212 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, 78, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 164)  
}
```

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, 78, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 164) }
```

Border

The CSS property to change the border of an element to Android 4278210212 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, 78, 164) }
```

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

```
.border{ border-color:rgb(0, 78, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 78, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 164)  
}
```

Background

The CSS property to change the background color of an element to Android 4278210212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 164) }
```

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

```
.background{ background-color: rgb(0, 78,  
164) }
```

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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