

Converting Colors

Android(4278212276)

Have a look what the booklet for
Android(4278212276) contains.

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Color

Android(4278212276)

Conversions

Conversions Part 1

Format	Color
Hex	0056B4
RGB	0, 86, 180
RGB Percent	0%, 34%, 71%
CMY	1.0000, 0.6627, 0.2941
CMYK	1.00, 0.52, 0.00, 0.29
HSL	211°, 100%, 35%
HSV	211°, 100%, 71%
XYZ	11.5660, 9.9509, 44.4911
YIQ	71.0020, -81.4300, 11.0020

Conversions

Conversions Part 2

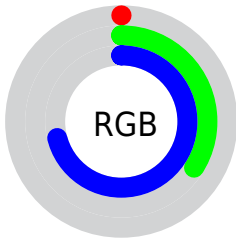
Format	Color
RYB	0, 58, 180
Decimal	22196
CIELab	37.75, 16.07, -55.73
CIELCh	38, 58.004, 286.087
Yxy	9.9509, 0.1752, 0.1508
Android (android.graphics.Color)	4278212276 (0xFF0056B4)
YUV	71.0020, 53.7360, -62.2688
Hunter-Lab	31.5450, 10.2435, -61.5413

Details

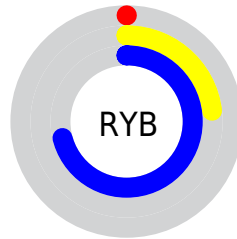
The Android color `4278212276` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290010624`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284254189`, and `4278200958` is the 20% darker color. If you saturate the color by 10%, you get `4278212276`, and if you desaturate by 10%, it is `4279394228`.

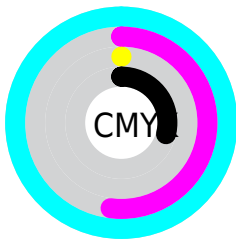
Distribution



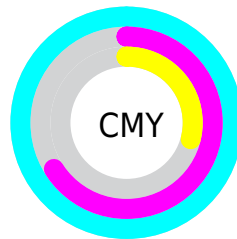
- Red (0%)
- Green (34%)
- Blue (71%)



- Red (0%)
- Yellow (23%)
- Blue (71%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212276 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 4278212276 by changing the saturation by 10% instead.

 4278212276

 4278212276

4294967295

 4278206361

 4284254189

 4278200958

 4286292479

 4278196325

 4288265471

 4278191180

 4290238463

 4278191156

 4292211967

 4278190622

 4294180863

 4278190080

 4278212276

 4279394228

■ 4280576436

■ 4281758388

■ 4282940596

■ 4284122548

■ 4285304500

■ 4286486708

■ 4287668660

■ 4288850868

Harmonies

Analogous

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



4278216117



4278212276



4286136219

Triad

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



4278212276



4288428052



4278217793

Complementary

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



4278212276



4290010624

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.



4279396107



4278212276



4286467840

Square

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



4278212276



4289339458



4283784704



4278218098

Rectangle

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



4278212276



4288097408



4283784704



4278217520

Sweetspot

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



4278212276



4288988907



4278236253



4283129717



4294309365



4285887861

Same Dimension

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



4278212276



4278218987



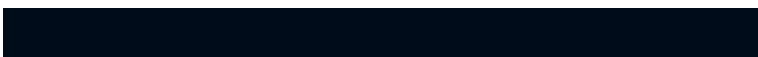
4278386868



4283454809



4278208921



4278193178

Inverse Universe

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



4289986646



4293591152



4289836032



4284043349



4288217161



4279894028

Previews

White Background



This preview shows how the Android color 4278212276 looks on a white background.

Color Contrast Check

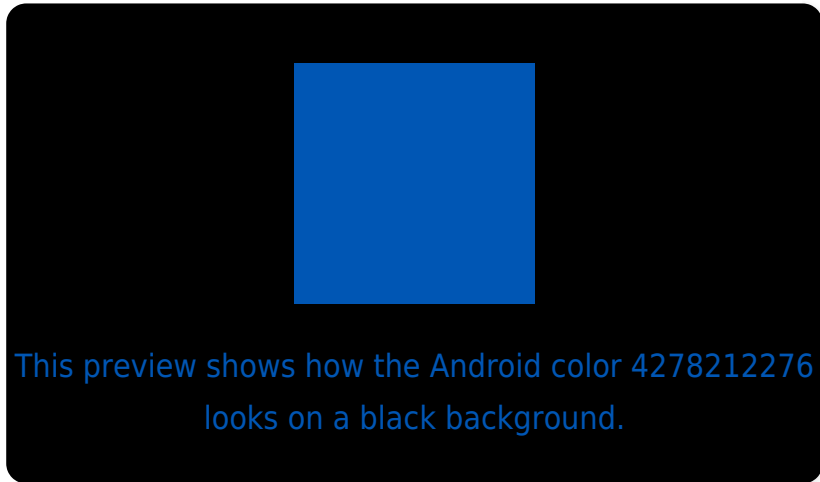
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212276 Background



This preview shows how black text looks on a background with the Android color 4278212276.



This preview shows how white text looks on a background with the Android color 4278212276.

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

4278212276

Protanopia

4279588532

Deuteranopia

4278213533

Trichromacy



Original Color

4278212276

Protanomaly

4279064244

Deuteranomaly

4278213029

Tritanomaly

4278214276

Monochromacy



Original Color

4278212276

Achromatopsia

4282861383

Achromatomaly

4281158767

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212276 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, 86, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 180)  
}
```

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, 86, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 180) }
```

Border

The CSS property to change the border of an element to Android 4278212276 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, 86, 180) }
```

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

```
.border{ border-color:rgb(0, 86, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 180)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 180) }
```

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

```
.background{ background-color: rgb(0, 86,  
180) }
```

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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