

Converting Colors

Android(4278212540)

Have a look what the booklet for
Android(4278212540) contains.

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Color

Android(4278212540)

Conversions

Conversions Part 1

Format	Color
Hex	0057BC
RGB	0, 87, 188
RGB Percent	0%, 34%, 74%
CMY	1.0000, 0.6588, 0.2627
CMYK	1.00, 0.54, 0.00, 0.26
HSL	212°, 100%, 37%
HSV	212°, 100%, 74%
XYZ	12.4853, 10.4472, 48.9354
YIQ	72.5010, -84.2730, 12.9670

Conversions

Conversions Part 2

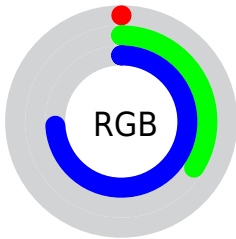
Format	Color
RYB	0, 59, 188
Decimal	22460
CIELab	38.63, 18.68, -59.00
CIELCh	39, 61.888, 287.568
Yxy	10.4472, 0.1737, 0.1454
Android (android.graphics.Color)	4278212540 (0xFF0057BC)
YUV	72.5010, 56.9410, -63.5834
Hunter-Lab	32.3222, 12.3865, -67.1389

Details

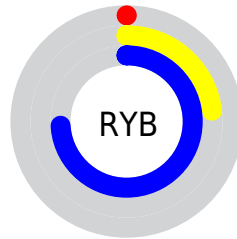
The Android color `4278212540` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290536704`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284451061`, and `4278201222` is the 20% darker color. If you saturate the color by 10%, you get `4278212540`, and if you desaturate by 10%, it is `4279460284`.

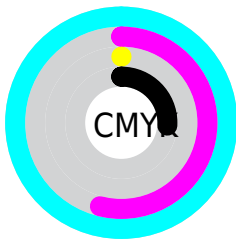
Distribution



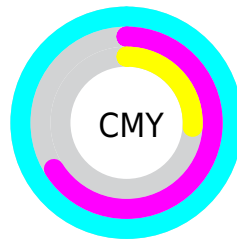
- Red (0%)
- Green (34%)
- Blue (74%)



- Red (0%)
- Yellow (23%)
- Blue (74%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (66%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212540 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 4278212540 by changing the saturation by 10% instead.

 4278212540

 4278212540

4294967295

 4278206624

 4284451061

 4278201222

 4286489343

 4278196588

 4288462335

 4278190419

 4290435583

 4278191675

 4292474367

 4278190628

 4294443007

 4278190092

 4278190080

 4278212540

■ 4279460284

■ 4280708028

■ 4281890236

■ 4283137980

■ 4284385980

■ 4285633724

■ 4286881468

■ 4288063676

■ 4289311420

Harmonies

Analogous

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



4278216638



4278212540



4286594464

Triad

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



4278212540



4288755725



4278218564

Complementary

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



4278212540



4290536704

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.



4278217480



4278212540



4286599424

Square

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



4278212540



4289796672



4283720192



4278219128

Rectangle

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



4278212540



4288620418



4283720192



4278218290

Sweetspot

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



4278212540



4289449461



4278238308



4283327354



4294638330



4286216826

Same Dimension

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



4278212540



4278219253



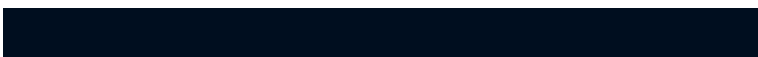
4278583484



4283783518



4278208926



4278193695

Inverse Universe

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



4290510935



4294246513



4290165760



4284372313



4288544841



4280221710

Previews

White Background



This preview shows how the Android color 4278212540 looks on a white background.

Color Contrast Check

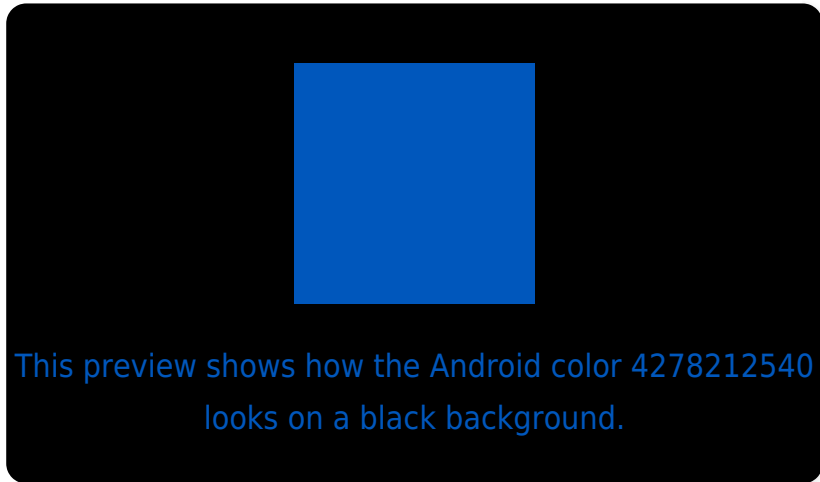
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212540 Background



This preview shows how black text looks on a background with the Android color 4278212540.



This preview shows how white text looks on a background with the Android color 4278212540.

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

4278212540

Protanopia

4278212538

Deuteranopia

4278214049

Trichromacy



Original Color

4278212540

Protanomaly

4278212539

Deuteranomaly

4278213547

Tritanomaly

4278214792

Monochromacy



Original Color

4278212540

Achromatopsia

4282992969

Achromatomaly

4281224819

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212540 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, 87, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 188)  
}
```

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, 87, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 188) }
```

Border

The CSS property to change the border of an element to Android 4278212540 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, 87, 188) }
```

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

```
.border{ border-color:rgb(0, 87, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 87, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 188)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 188) }
```

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

```
.background{ background-color: rgb(0, 87,  
188) }
```

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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