

Converting Colors

Android(4278212528)

Have a look what the booklet for
Android(4278212528) contains.

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Color

Android(4278212528)

Conversions

Conversions Part 1

Format	Color
Hex	0057B0
RGB	0, 87, 176
RGB Percent	0%, 34%, 69%
CMY	1.0000, 0.6588, 0.3098
CMYK	1.00, 0.51, 0.00, 0.31
HSL	210°, 100%, 35%
HSV	210°, 100%, 69%
XYZ	11.2447, 9.9510, 42.4024
YIQ	71.1330, -80.4210, 9.2350

Conversions

Conversions Part 2

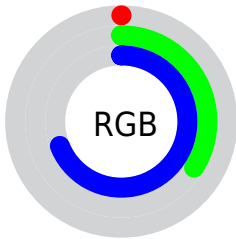
Format	Color
RYB	0, 58, 176
Decimal	22448
CIELab	37.75, 13.76, -53.37
CIELCh	38, 55.116, 284.453
Yxy	9.9510, 0.1768, 0.1565
Android (android.graphics.Color)	4278212528 (0xFF0057B0)
YUV	71.1330, 51.6994, -62.3836
Hunter-Lab	31.5452, 8.4245, -57.6148

Details

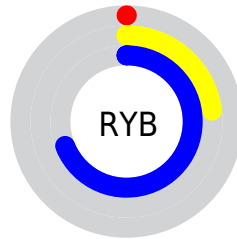
The Android color `4278212528` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289747200`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284188904`, and `4278201211` is the 20% darker color. If you saturate the color by 10%, you get `4278212528`, and if you desaturate by 10%, it is `4279394480`.

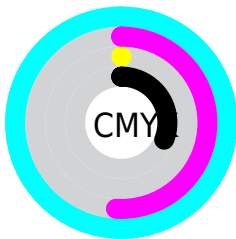
Distribution



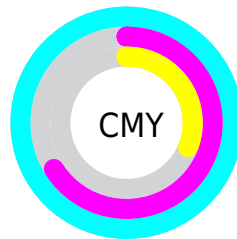
- Red (0%)
- Green (34%)
- Blue (69%)



- Red (0%)
- Yellow (23%)
- Blue (69%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212528 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 4278212528 by changing the saturation by 10% instead.

 4278212528

 4278212528

4294967295

 4278206613

 4284188904

 4278201211

 4286227199

 4278196321

 4288200191

 4278191433

 4290107903

 4278191153

 4292081151

 4278190363

 4294049791

 4278190080

 4278212528

 4279394480

■ 4280510896

■ 4281692848

■ 4282809264

■ 4283991216

■ 4285172912

■ 4286289328

■ 4287471280

■ 4288587696

Harmonies

Analogous

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



4278216111



4278212528



4285874841

Triad

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



4278212528



4288362779



4278217535

Complementary

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



4278212528



4289747200

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.



4280313614



4278212528



4286533120

Square

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



4278212528



4289144133



4283981312



4278218094

Rectangle

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



4278212528



4287771264



4283981312



4278217264

Sweetspot

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



4278212528



4288791526



4278235224



4282998387



4294111986



4285756275

Same Dimension

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



4278212528



4278219238



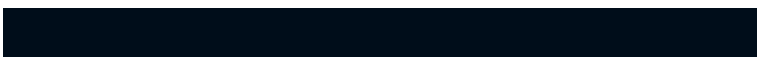
4278190256



4283454809



4278209689



4278193434

Inverse Universe

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



4289724503



4293263473



4289769472



4284043349



4288217164



4279894029

Previews

White Background



This preview shows how the Android color 4278212528 looks on a white background.

Color Contrast Check

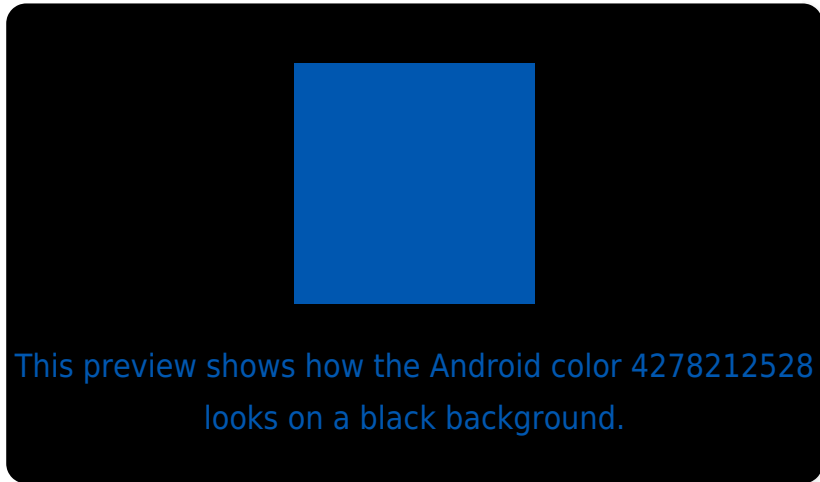
Large Text (above 18pt) WCAG AA ✓ Pass

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

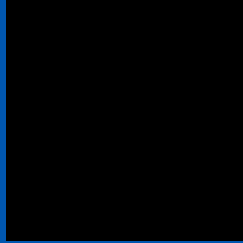
Any Text WCAG AA × Fail

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 4278212528 Background



This preview shows how black text looks on a background with the Android color 4278212528.



This preview shows how white text looks on a background with the Android color 4278212528.

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

4278212528

Protanopia

4280374959

Deuteranopia

4278213534

Trichromacy



Original Color
4278212528

Protanomaly
4279588527

Deuteranomaly
4278213285

Monochromacy



Original Color
4278212528

Achromatopsia
4282861383

Achromatomaly
4281159021

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212528 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 176) }
```

Border

The CSS property to change the border of an element to Android 4278212528 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, 176) }
```

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

```
.border{ border-color:rgb(0, 87, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 176)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212528 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, 176) }
```

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

```
.background{ background-color: rgb(0, 87,  
176) }
```

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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