

Converting Colors

Android(4278212254)

Have a look what the booklet for
Android(4278212254) contains.

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Color

Android(4278212254)

Conversions

Conversions Part 1

Format	Color
Hex	00569E
RGB	0, 86, 158
RGB Percent	0%, 34%, 62%
CMY	1.0000, 0.6627, 0.3804
CMYK	1.00, 0.46, 0.00, 0.38
HSL	207°, 100%, 31%
HSV	207°, 100%, 62%
XYZ	9.4993, 9.1242, 33.6082
YIQ	68.4940, -74.3680, 4.1600

Conversions

Conversions Part 2

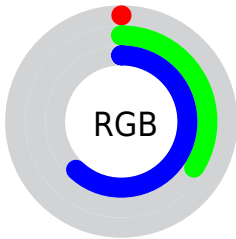
Format	Color
RYB	0, 56, 158
Decimal	22174
CIELab	36.22, 6.94, -45.12
CIELCh	36, 45.655, 278.743
Yxy	9.1242, 0.1819, 0.1747
Android (android.graphics.Color)	4278212254 (0xFF00569E)
YUV	68.4940, 44.1265, -60.0692
Hunter-Lab	30.2063, 3.2741, -44.8230

Details

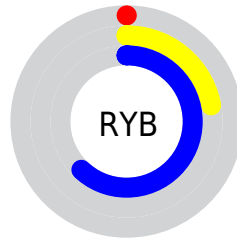
The Android color `4278212254` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288563200`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283795413`, and `4278200938` is the 20% darker color. If you saturate the color by 10%, you get `4278212254`, and if you desaturate by 10%, it is `4279262622`.

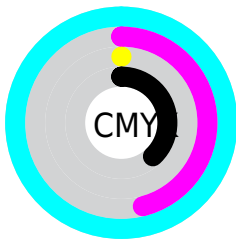
Distribution



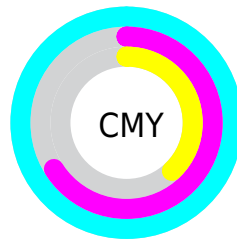
- Red (0%)
- Green (34%)
- Blue (62%)



- Red (0%)
- Yellow (22%)
- Blue (62%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (66%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212254 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 4278212254 by changing the saturation by 10% instead.

 4278212254

 4278212254

4294967295

 4278206340

 4283795413

 4278200938

 4285768178


 4278195793

 4287675647

 4278191418

 4289648895

 4278190627

 4291556607

 4278190090

 4293525503

 4278190080

 4278212254

 4279262622

■ 4280312990

■ 4281298078

■ 4282348446

■ 4283398814

■ 4284449182

■ 4285499550

■ 4286484638

■ 4287535006

Harmonies

Analogous

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



4278214809



4278212254



4284761743

Triad

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



4278212254



4287642153



4278215737

Complementary

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



4278212254



4288563200

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.



4281688086



4278212254



4286335497

Square

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



4278212254



4288032844



4284307200



4278216287

Rectangle

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



4278212254



4286528380



4284307200



4278215469

Sweetspot

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



4278212254



4287738575



4278230599



4282603369



4293454056



4285098345

Same Dimension

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



4278212254



4278218959



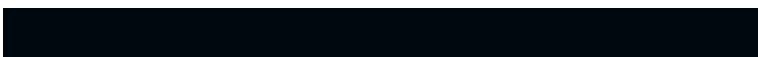
4278192286



4282862415



4278210191



4278192143

Inverse Universe

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



4288544854



4291756144



4288583168



4283385675



4287561806



4279173128

Previews

White Background



This preview shows how the Android color 4278212254 looks on a white background.

Color Contrast Check

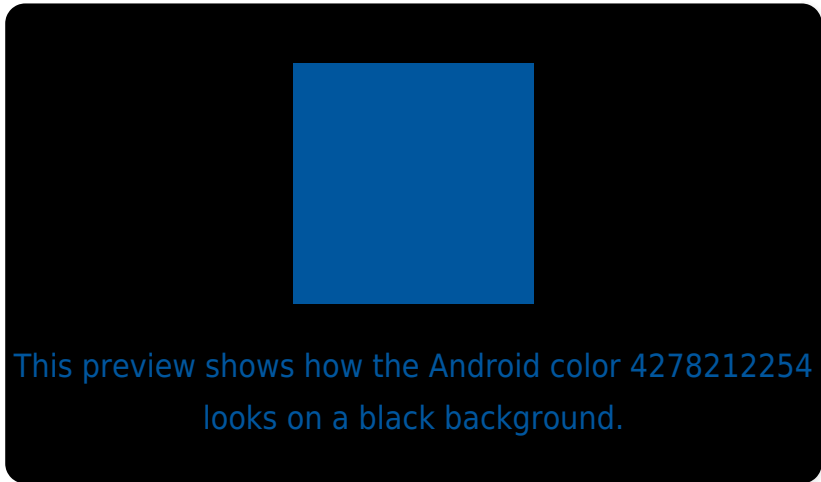
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212254 Background



This preview shows how black text looks on a background with the Android color 4278212254.



This preview shows how white text looks on a background with the Android color 4278212254.

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

4278212254

Protanopia

4281488283

Deuteranopia

4278212505

Trichromacy



Original Color
4278212254

Protanomaly
4280308892

Deuteranomaly
4278212507

Tritanomaly
4278213754

Monochromacy



Original Color
4278212254

Achromatopsia
4282664004

Achromatomaly
4281027429

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212254 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 158) }
```

Border

The CSS property to change the border of an element to Android 4278212254 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, 158) }
```

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

```
.border{ border-color:rgb(0, 86, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 158)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212254 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, 158) }
```

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

```
.background{ background-color: rgb(0, 86,  
158) }
```

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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