

Converting Colors

Android(4278209942)

Have a look what the booklet for
Android(4278209942) contains.

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Color

Android(4278209942)

Conversions

Conversions Part 1

Format	Color
Hex	004D96
RGB	0, 77, 150
RGB Percent	0%, 30%, 59%
CMY	1.0000, 0.6980, 0.4118
CMYK	1.00, 0.49, 0.00, 0.41
HSL	209°, 100%, 29%
HSV	209°, 100%, 59%
XYZ	8.1589, 7.5098, 29.8737
YIQ	62.2990, -69.3250, 6.3790

Conversions

Conversions Part 2

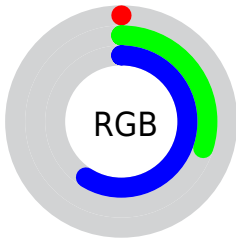
Format	Color
RYB	0, 51, 150
Decimal	19862
CIELab	32.94, 9.61, -45.58
CIELCh	33, 46.582, 281.911
Yxy	7.5098, 0.1791, 0.1649
Android (android.graphics.Color)	4278209942 (0xFF004D96)
YUV	62.2990, 43.2366, -54.6362
Hunter-Lab	27.4039, 5.1874, -45.4506

Details

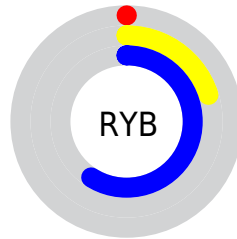
The Android color `4278209942` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4288039168`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4283661773`, and `4278198882` is the 20% darker color. If you saturate the color by 10%, you get `4278209942`, and if you desaturate by 10%, it is `4279194774`.

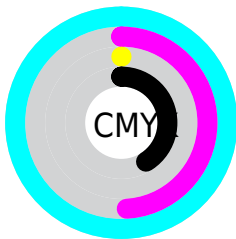
Distribution



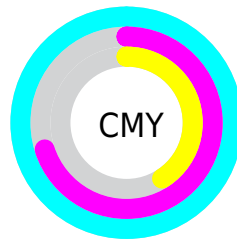
- Red (0%)
- Green (30%)
- Blue (59%)



- Red (0%)
- Yellow (20%)
- Blue (59%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278209942 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 4278209942 by changing the saturation by 10% instead.

 4278209942

 4278209942

4294967295

 4278204284

 4283661773

 4278198882

 4285634537

 4278193226

 4287476479

 4278191155

 4289383935

 4278190621

 4291357183

 4278190080

 4293263359

 4278209942

 4279194774

■ 4280179862

■ 4281164694

■ 4282149526

■ 4283134614

■ 4284119446

■ 4285104278

■ 4286089110

■ 4287074198

Harmonies

Analogous

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



4278212756



4278209942



4284562565

Triad

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



4278209942



4286984990



4278213941

Complementary

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



4278209942



4288039168

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.



4280702991



4278209942



4285547264

Square

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



4278209942



4287505728



4283518976



4278214236

Rectangle

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



4278209942



4286263409



4283518976



4278213673

Sweetspot

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



4278209942



4287145666



4278228553



4282273889



4292927712



4284572001

Same Dimension

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



4278209942



4278215618



4278190742



4282598986



4278208394



4278191370

Inverse Universe

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



4288020557



4290904163



4288058368



4283056966



4287234119



4278845445

Previews

White Background



This preview shows how the Android color 4278209942 looks on a white background.

Color Contrast Check

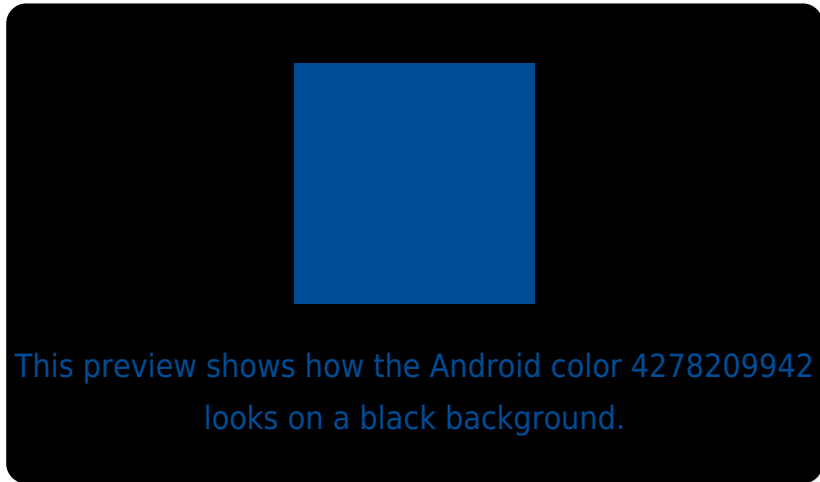
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209942 Background



This preview shows how black text looks on a background with the Android color 4278209942.



This preview shows how white text looks on a background with the Android color 4278209942.

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
4278209942

Protanopia
4280634260

Deuteranopia
4278210443

Trichromacy



Original Color
4278209942

Protanomaly
4279782549

Deuteranomaly
4278210191

Tritanomaly
4278211441

Monochromacy



Original Color
4278209942

Achromatopsia
4282269246

Achromatomaly
4280763230

CSS Examples

Text

The CSS property to change the color of the text to Android 4278209942 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, 77, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 150)  
}
```

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, 77, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 150) }
```

Border

The CSS property to change the border of an element to Android 4278209942 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, 77, 150) }
```

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

```
.border{ border-color:rgb(0, 77, 150) }
```

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

Here you see how a box with a 4 pixel rgb(0, 77, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 150)  
}
```

Background

The CSS property to change the background color of an element to Android 4278209942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 150) }
```

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

```
.background{ background-color: rgb(0, 77,  
150) }
```

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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