

Converting Colors

Android(4278209920)

Have a look what the booklet for
Android(4278209920) contains.

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Color

Android(4278209920)

Conversions

Conversions Part 1

Format	Color
Hex	004D80
RGB	0, 77, 128
RGB Percent	0%, 30%, 50%
CMY	1.0000, 0.6980, 0.4980
CMYK	1.00, 0.40, 0.00, 0.50
HSL	204°, 100%, 25%
HSV	204°, 100%, 50%
XYZ	6.5502, 6.8663, 21.4022
YIQ	59.7910, -62.2630, -0.4630

Conversions

Conversions Part 2

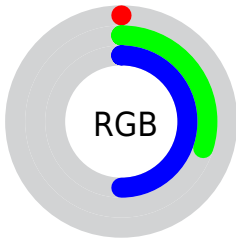
Format	Color
RYB	0, 48, 128
Decimal	19840
CIELab	31.50, 0.25, -34.39
CIELCh	32, 34.390, 270.417
Yxy	6.8663, 0.1881, 0.1972
Android (android.graphics.Color)	4278209920 (0xFF004D80)
YUV	59.7910, 33.6270, -52.4367
Hunter-Lab	26.2036, -1.2362, -30.0835

Details

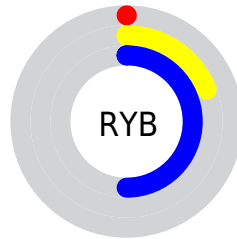
The Android color `4278209920` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286591744`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4283203253`, and `4278198862` is the 20% darker color. If you saturate the color by 10%, you get `4278209920`, and if you desaturate by 10%, it is `4279063168`.

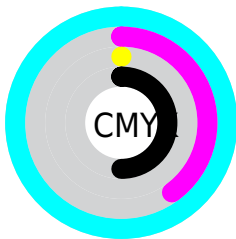
Distribution



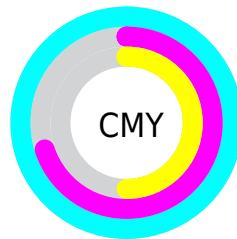
- Red (0%)
- Green (30%)
- Blue (50%)



- Red (0%)
- Yellow (19%)
- Blue (50%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (70%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278209920 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 4278209920 by changing the saturation by 10% instead.

 4278209920

 4278209920

4294967295

 4278204263

 4283203253

 4278198862

 4285110225

 4278192695

 4286952173

 4278190625

 4288794111

 4278190086

 4290701823

 4278190080

 4292607999

 4294508543

 4278209920

■ 4279063168

■ 4279916416

■ 4280704128

■ 4281557376

■ 4282410880

■ 4283264128

■ 4284117376

■ 4284905088

■ 4285758336

Harmonies

Analogous

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



4278211705



4278209920



4283122553

Triad

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



4278209920



4286199088



4279588142

Complementary

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



4278209920



4286591744

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.



4282208280



4278209920



4285349659

Square

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



4278209920



4286198091



4283975952



4278212426

Rectangle

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



4278209920



4284627821



4283975952



4280701990

Sweetspot

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



4278209920



4285829798



4278222897



4281747540



4292138196



4283716692

Same Dimension

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



4278209920



4278215846



4278194048



4281941312



4278190080

Inverse Universe

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



4286578765



4289069156



4286607616



4282399037



4278190080

Previews

White Background



This preview shows how the Android color 4278209920 looks on a white background.

Color Contrast Check

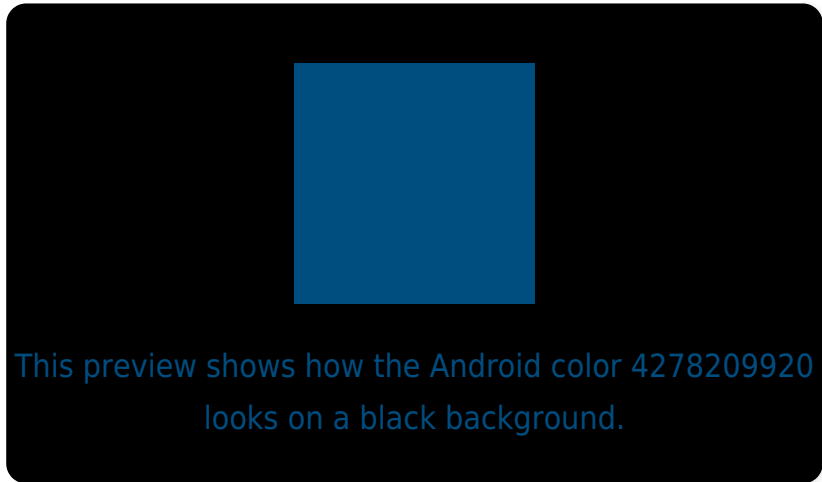
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209920 Background



This preview shows how black text looks on a background with the Android color 4278209920.



This preview shows how white text looks on a background with the Android color 4278209920.

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
4278209920

Protanopia
4281682300

Deuteranopia
4280306560

Trichromacy



Original Color
4278209920

Protanomaly
4280437373

Deuteranomaly
4279520384

Tritanomaly
4278210919

Monochromacy



Original Color
4278209920

Achromatopsia
4282137660

Achromatomaly
4280697429

CSS Examples

Text

The CSS property to change the color of the text to Android 4278209920 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 128) }
```

Border

The CSS property to change the border of an element to Android 4278209920 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, 128) }
```

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

```
.border{ border-color:rgb(0, 77, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 128)  
}
```

Background

The CSS property to change the background color of an element to Android 4278209920 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, 128) }
```

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

```
.background{ background-color: rgb(0, 77,  
128) }
```

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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