

Converting Colors

Android(4278221020)

Have a look what the booklet for
Android(4278221020) contains.

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Color

Android(4278221020)

Conversions

Conversions Part 1

Format	Color
Hex	0078DC
RGB	0, 120, 220
RGB Percent	0%, 47%, 86%
CMY	1.0000, 0.5294, 0.1373
CMYK	1.00, 0.45, 0.00, 0.14
HSL	207°, 100%, 43%
HSV	207°, 100%, 86%
XYZ	19.6347, 18.6002, 70.2655
YIQ	95.5200, -103.6200, 5.6600

Conversions

Conversions Part 2

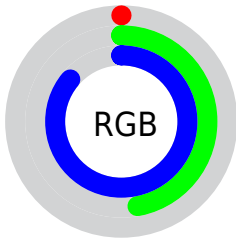
Format	Color
RYB	0, 78, 220
Decimal	30940
CIELab	50.22, 10.16, -58.67
CIELCh	50, 59.539, 279.824
Yxy	18.6002, 0.1810, 0.1714
Android (android.graphics.Color)	4278221020 (0xFF0078DC)
YUV	95.5200, 61.3686, -83.7710
Hunter-Lab	43.1280, 5.7911, -66.4075

Details

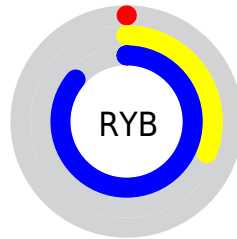
The Android color `4278221020` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292633600`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284984575`, and `4278208932` is the 20% darker color. If you saturate the color by 10%, you get `4278221020`, and if you desaturate by 10%, it is `4279665372`.

Distribution



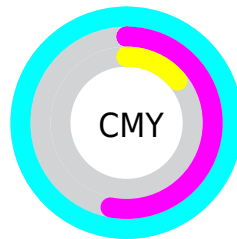
- Red (0%)
- Green (47%)
- Blue (86%)



- Red (0%)
- Yellow (31%)
- Blue (86%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278221020 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 4278221020 by changing the saturation by 10% instead.

 4278221020

 4278221020

4294967295

 4278214848

 4284984575

 4278208932

 4287154175

 4278203273

 4289192959

 4278198383

 4291231743

 4278191446

 4293263359

 4278191678

 4278190887

 4278190353

 4278190080

■ 4278221020

■ 4279665372

■ 4281109724

■ 4282554076

■ 4283998428

■ 4285442780

■ 4286887132

■ 4288331484

■ 4289775836

■ 4291220188

Harmonies

Analogous

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



4278224599



4278221020



4287521478

Triad

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



4278221020



4291318329



4278226258

Complementary

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



4278221020



4292633600

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.



4282943008



4278221020



4289423369

Square

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



4278221020



4291969641



4286609920



4278226823

Rectangle

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



4278221020



4289942187



4286609920



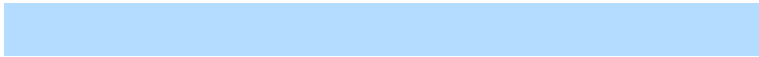
4278225729

Sweetspot

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



4278221020



4289977599



4278246499



4283591552



4278190080



4286611584

Same Dimension

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



4278221020



4278225919



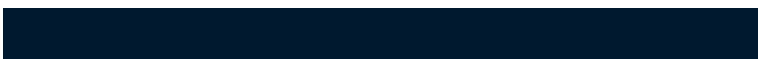
4278193116



4284705134



4278214573



4278196526

Inverse Universe

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



4292608120



4294901899



4292661504



4285424489



4289527903



4281204761

Previews

White Background



This preview shows how the Android color 4278221020 looks on a white background.

Color Contrast Check

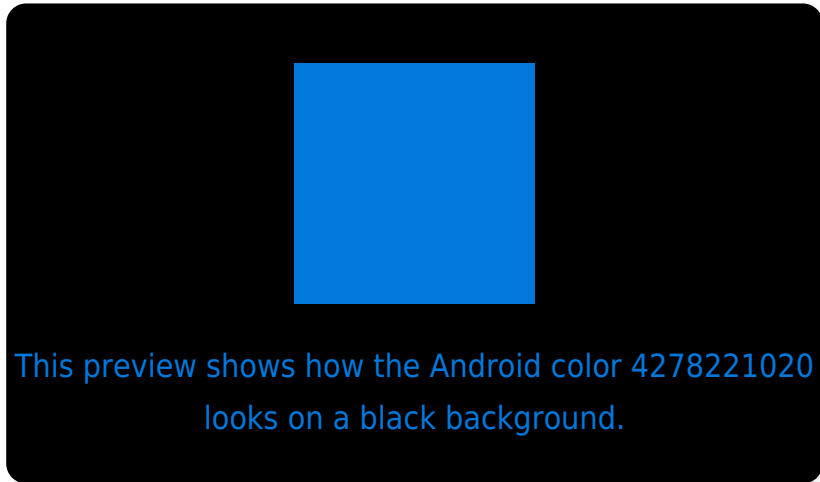
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278221020 Background



This preview shows how black text looks on a background with the Android color 4278221020.



This preview shows how white text looks on a background with the Android color 4278221020.

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



Trichromacy



Original Color
4278221020

Protanomaly
4281169369

Deuteranomaly
4278221272

Tritanomaly
4278223018

Monochromacy



Original Color
4278221020

Achromatopsia
4284506208

Achromatomaly
4282214797

CSS Examples

Text

The CSS property to change the color of the text to Android 4278221020 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, 120, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 220)  
}
```

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, 120, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 220) }
```

Border

The CSS property to change the border of an element to Android 4278221020 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, 120, 220) }
```

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

```
.border{ border-color:rgb(0, 120, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 120, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 120, 220); box-shadow:4px 4px 4px 4px rgb(0, 120, 220) }
```

Background

The CSS property to change the background color of an element to Android 4278221020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 220) }
```

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

```
.background{ background-color: rgb(0, 120,  
220) }
```

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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