

Converting Colors

Android(4278790340)

Have a look what the booklet for
Android(4278790340) contains.

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Color

Android(4278790340)

Conversions

Conversions Part 1

Format	Color
Hex	0928C4
RGB	9, 40, 196
RGB Percent	4%, 16%, 77%
CMY	0.9647, 0.8431, 0.2314
CMYK	0.95, 0.80, 0.00, 0.23
HSL	230°, 91%, 40%
HSV	230°, 95%, 77%
XYZ	10.8353, 5.5612, 52.7269
YIQ	48.5150, -68.5520, 41.9440

Conversions

Conversions Part 2

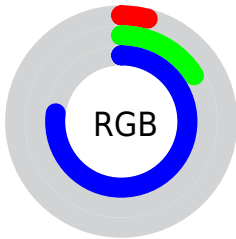
Format	Color
R_{YB}	9, 36, 196
Decimal	600260
CIE _{Lab}	28.28, 51.59, -80.72
CIE _{LCh}	28, 95.794, 302.585
Yxy	5.5612, 0.1568, 0.0805
Android (android.graphics.Color)	4278790340 (0xFF0928C4)
YUV	48.5150, 72.7101, -34.6547
Hunter-Lab	23.5822, 40.7463, -116.0578

Details

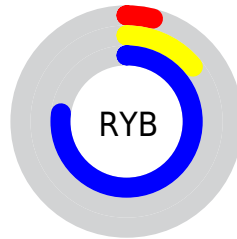
The Android color `4278790340` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291077385`, and the grayscale version is `4281348144`.

A 20% lighter version of the original color is `4284963070`, and `4278190221` is the 20% darker color. If you saturate the color by 10%, you get `4278198468`, and if you desaturate by 10%, it is `4280105156`.

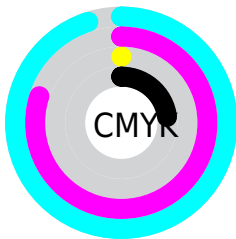
Distribution



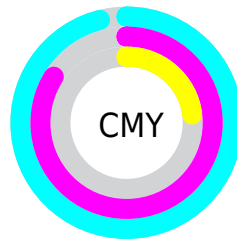
- Red (4%)
- Green (16%)
- Blue (77%)



- Red (4%)
- Yellow (14%)
- Blue (77%)



- Cyan (95%)
- Magenta (80%)
- Yellow (0%)
- Black (23%)



- Cyan (96%)
- Magenta (84%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278790340 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 4278790340 by changing the saturation by 10% instead.

 4278790340

 4278790340

4294967295

 4278194600

 4284963070

 4278190221

 4287132159

 4278190194

 4289170431

 4278193240

 4291208959

 4278191936

 4293247487

 4278190889

 4294958847

 4278190355

 4294966015

 4278190080

 4278790340

 4278790340

■ 4278198468

■ 4280105156

■ 4281354692

■ 4282669508

■ 4283918788

■ 4285233860

■ 4286548676

■ 4287797956

■ 4289113028

■ 4290362308

Harmonies

Analogous

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



4278210525



4278790340



4288151689

Triad

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



4278790340



4286912256



4278213192

Complementary

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



4278790340



4291077385

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.



4278212352



4278790340



4283253504

Square

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



4278790340



4289396736



4278211072



4278213779

Rectangle

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



4278790340



4289855577



4278211072



4278212909

Sweetspot

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



4278790340



4290101759



4278830245



4283652736



4278190080



4286611584

Same Dimension

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



4278790340



4278201087



4282845636



4283914593



4278197153



4278191393

Inverse Universe

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



4291037480



4294901802



4287022089



4284569433



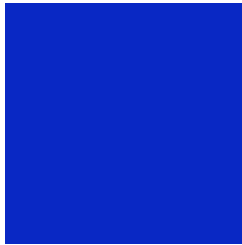
4288741403



4280352773

Previews

White Background



This preview shows how the Android color 4278790340 looks on a white background.

Color Contrast Check

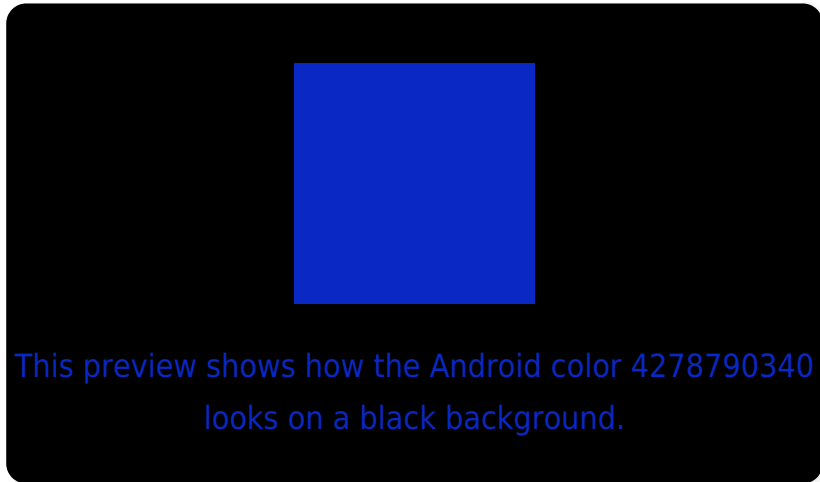
Large Text (above 18pt) WCAG AA ✓ Pass

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

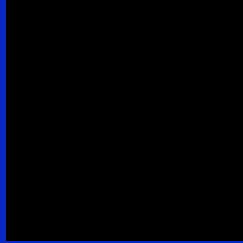
Any Text WCAG AA × Fail

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 4278790340 Background



This preview shows how black text looks on a background with the Android color 4278790340.



This preview shows how white text looks on a background with the Android color 4278790340.

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

4278790340

Protanopia

4278206856

Deuteranopia

4278207859

Trichromacy



Original Color
4278790340

Protanomaly
4278401182

Deuteranomaly
4278401680

Tritanomaly
4278402681

Monochromacy



Original Color
4278790340

Achromatopsia
4281413937

Achromatomaly
4280430182

CSS Examples

Text

The CSS property to change the color of the text to Android 4278790340 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(9, 40, 196)` looks like.

```
.text, #text, p{  
    color:rgb(9, 40, 196)  
}
```

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(9, 40, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 40, 196) }
```

Border

The CSS property to change the border of an element to Android 4278790340 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(9, 40, 196) }
```

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

```
.border{ border-color:rgb(9, 40, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 40, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 40, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 40, 196);  
box-shadow:4px 4px 4px 4px rgb(9, 40, 196)  
}
```

Background

The CSS property to change the background color of an element to Android 4278790340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 40, 196) }
```

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

```
.background{ background-color: rgb(9, 40,  
196) }
```

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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