

Converting Colors

Android(4278228190)

Have a look what the booklet for
Android(4278228190) contains.

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Color

Android(4278228190)

Conversions

Conversions Part 1

Format	Color
Hex	0094DE
RGB	0, 148, 222
RGB Percent	0%, 58%, 87%
CMY	1.0000, 0.4196, 0.1294
CMYK	1.00, 0.33, 0.00, 0.13
HSL	200°, 100%, 44%
HSV	200°, 100%, 87%
XYZ	23.7747, 26.4537, 72.9603
YIQ	112.1840, -111.9620, -8.3620

Conversions

Conversions Part 2

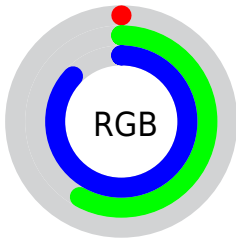
Format	Color
RYB	0, 89, 222
Decimal	38110
CIELab	58.47, -5.93, -46.63
CIELCh	58, 47.001, 262.748
Yxy	26.4537, 0.1930, 0.2147
Android (android.graphics.Color)	4278228190 (0xFF0094DE)
YUV	112.1840, 54.1393, -98.3854
Hunter-Lab	51.4332, -7.4974, -48.1022

Details

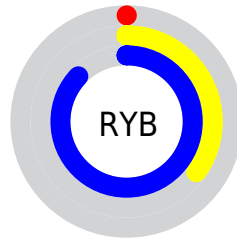
The Android color `4278228190` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4292758016`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285057791`, and `4278215334` is the 20% darker color. If you saturate the color by 10%, you get `4278228190`, and if you desaturate by 10%, it is `4279671774`.

Distribution



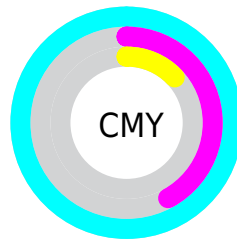
- Red (0%)
- Green (58%)
- Blue (87%)



- Red (0%)
- Yellow (35%)
- Blue (87%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228190 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 4278228190 by changing the saturation by 10% instead.

 4278228190

 4278228190

4294967295

 4278221506

 4285057791

 4278215334

 4287162111

 4278209164

 4289265663

 4278203506

 4291297279

 4278198361

 4293328895

 4278191937

 4278190890

 4278190356

 4278190080

■ 4278228190

■ 4279671774

■ 4281115614

■ 4282624734

■ 4284068574

■ 4285512158

■ 4286955742

■ 4288399582

■ 4289908702

■ 4291352542

Harmonies

Analogous

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



4278230477



4278228190



4286547673

Triad

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



4278228190



4292438895



4283669593

Complementary

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



4278228190



4292758016

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.



4286944317



4278228190



4291459148

Square

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



4278228190



4292045464



4289562424



4278231425

Rectangle

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



4278228190



4289100745



4289562424



4284914254

Sweetspot

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



4278228190



4289980159



4278246986



4283592832



4278190080



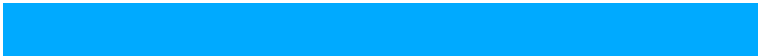
4286611584

Same Dimension

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



4278228190



4278233855



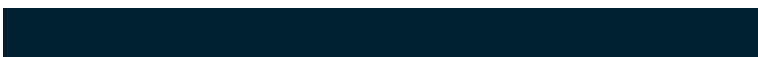
4278200798



4284836976



4278220208



4278198320

Inverse Universe

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



4292739220



4294901930



4292786432



4285556076



4289724533



4281335840

Previews

White Background



This preview shows how the Android color 4278228190 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



This preview shows how the Android color 4278228190 looks on a 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 4278228190 Background



This preview shows how black text looks on a background with the Android color 4278228190.



This preview shows how white text looks on a background with the Android color 4278228190.

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
4278228190



Protanomaly
4282944984



Deuteranomaly
4282027999



Tritanomaly
4278229435

Monochromacy



Original Color
4278228190



Achromatopsia
4285558896



Achromatomaly
4282875288

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228190 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, 148, 222)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 222)  
}
```

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, 148, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 222) }
```

Border

The CSS property to change the border of an element to Android 4278228190 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, 148, 222) }
```

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

```
.border{ border-color:rgb(0, 148, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 222);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4278228190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 222) }
```

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

```
.background{ background-color: rgb(0, 148,  
222) }
```

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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