

Converting Colors

Android(4278228438)

Have a look what the booklet for
Android(4278228438) contains.

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Color

Android(4278228438)

Conversions

Conversions Part 1

Format	Color
Hex	0095D6
RGB	0, 149, 214
RGB Percent	0%, 58%, 84%
CMY	1.0000, 0.4157, 0.1608
CMYK	1.00, 0.30, 0.00, 0.16
HSL	198°, 100%, 42%
HSV	198°, 100%, 84%
XYZ	22.8850, 26.3499, 67.4982
YIQ	111.8590, -109.6690, -11.3730

Conversions

Conversions Part 2

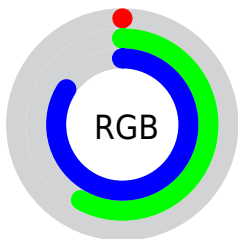
Format	Color
R _Y B	0, 88, 214
Decimal	38358
CIE Lab	58.37, -9.49, -42.31
CIE LCh	58, 43.364, 257.355
Yxy	26.3499, 0.1960, 0.2257
Android (android.graphics.Color)	4278228438 (0xFF0095D6)
YUV	111.8590, 50.3555, -98.1003
Hunter-Lab	51.3322, -10.2520, -42.0296

Details

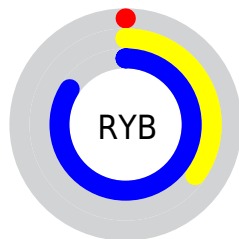
The Android color `4278228438` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4292231424`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4284926975`, and `4278215583` is the 20% darker color. If you saturate the color by 10%, you get `4278228438`, and if you desaturate by 10%, it is `4279606486`.

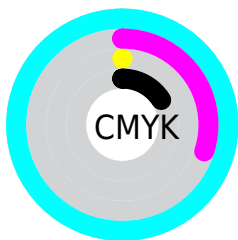
Distribution



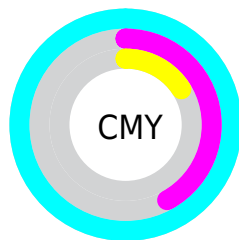
- Red (0%)
- Green (58%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228438 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 4278228438 by changing the saturation by 10% instead.

 4278228438

 4278228438

4294967295

 4278221754

 4284926975


 4278215583

 4287031295

 4278209412

 4289134591

 4278203755

 4291100671

 4278198354

 4293132287

 4278191675

 4278190628

 4278190092

 4278190080

 4278228438

 4279606486

 4281049814

 4282427862

 4283871190

 4285249238

 4286627030

 4288070614

 4289448406

 4290891990

Harmonies

Analogous

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



4278230467



4278228438



4285893077

Triad

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



4278228438



4292111736



4284652119

Complementary

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



4278228438



4292231424

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.



4287467841



4278228438



4291458902

Square

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



4278228438



4291522206



4289824065



4280131450

Rectangle

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



4278228438



4288446409



4289824065



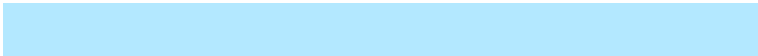
4285699918

Sweetspot

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



4278228438



4289980671



4278244928



4283593344



4278190080



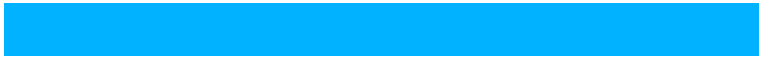
4286611584

Same Dimension

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



4278228438



4278235903



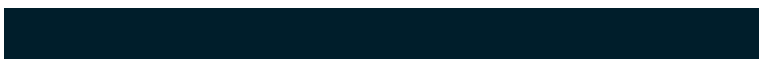
4278201302



4284508267



4278220715



4278197803

Inverse Universe

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



4292214933



4294901938



4292258560



4285227112



4289396855



4281008158

Previews

White Background



This preview shows how the Android color 4278228438 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 4278228438 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 4278228438 Background



This preview shows how black text looks on a background with the Android color 4278228438.



This preview shows how white text looks on a background with the Android color 4278228438.

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
4278228438

Protanomaly
4283076048

Deuteranomaly
4282421207

Monochromacy



Original Color
4278228438

Achromatopsia
4285558896

Achromatomaly
4282875285

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228438 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, 149, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 214)  
}
```

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, 149, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 214) }
```

Border

The CSS property to change the border of an element to Android 4278228438 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, 149, 214) }
```

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

```
.border{ border-color:rgb(0, 149, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4278228438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 214) }
```

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

```
.background{ background-color: rgb(0, 149,  
214) }
```

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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