

Converting Colors

Android(4278228193)

Have a look what the booklet for
Android(4278228193) contains.

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Color

Android(4278228193)

Conversions

Conversions Part 1

Format	Color
Hex	0094E1
RGB	0, 148, 225
RGB Percent	0%, 58%, 88%
CMY	1.0000, 0.4196, 0.1176
CMYK	1.00, 0.34, 0.00, 0.12
HSL	201°, 100%, 44%
HSV	201°, 100%, 88%
XYZ	24.1805, 26.6161, 75.0971
YIQ	112.5260, -112.9250, -7.4290

Conversions

Conversions Part 2

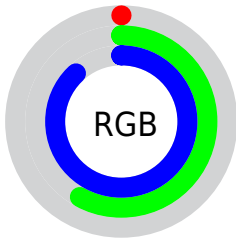
Format	Color
R _{YB}	0, 89, 225
Decimal	38113
CIE _{Lab}	58.62, -4.81, -48.06
CIE _{LCh}	59, 48.295, 264.289
Y _{xy}	26.6161, 0.1921, 0.2114
Android (android.graphics.Color)	4278228193 (0xFF0094E1)
YUV	112.5260, 55.4497, -98.6853
Hunter-Lab	51.5907, -6.6211, -50.1909

Details

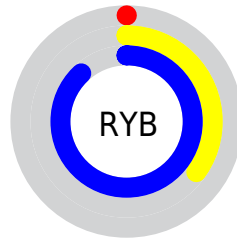
The Android color `4278228193` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4292955392`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285057791`, and `4278215337` is the 20% darker color. If you saturate the color by 10%, you get `4278228193`, and if you desaturate by 10%, it is `4279672033`.

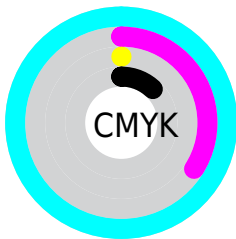
Distribution



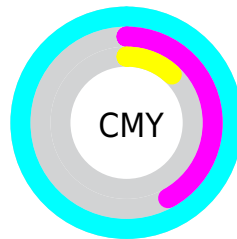
- Red (0%)
- Green (58%)
- Blue (88%)



- Red (0%)
- Yellow (35%)
- Blue (88%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)




















- Cyan (100%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228193 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 4278228193 by changing the saturation by 10% instead.

 4278228193	 4278228193
 4294967295	 4278221509
 4285057791	 4278215337
 4287227647	 4278209166
 4289331199	 4278203508
 4291362815	 4278198363
 4293394431	 4278191939
	 4278190892
	 4278190358
	 4278190080

■ 4278228193

■ 4279672033

■ 4281181153

■ 4282690529

■ 4284134369

■ 4285643745

■ 4287087329

■ 4288531169

■ 4290040545

■ 4291549665

Harmonies

Analogous

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



4278230737



4278228193



4286744026

Triad

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



4278228193



4292569965



4283342170

Complementary

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



4278228193



4292955392

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.



4286813500



4278228193



4291524681

Square

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



4278228193



4292241815



4289497141



4278231683

Rectangle

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



4278228193



4289362634



4289497141



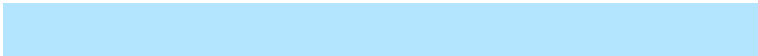
4284652366

Sweetspot

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



4278228193



4289979903



4278247755



4283592832



4278190080



4286611584

Same Dimension

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



4278228193



4278233343



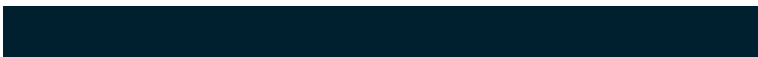
4278200033



4284836976



4278219952



4278198320

Inverse Universe

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



4292935828



4294901928



4292983808



4285556076



4289724532



4281335840

Previews

White Background



This preview shows how the Android color 4278228193 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 4278228193 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 4278228193 Background



This preview shows how black text looks on a background with the Android color 4278228193.



This preview shows how white text looks on a background with the Android color 4278228193.

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
4278228193

Protanomaly
4282879707

Deuteranomaly
4281897186

Monochromacy



Original Color
4278228193

Achromatopsia
4285624689

Achromatomaly
4282941082

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228193 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 225) }
```

Border

The CSS property to change the border of an element to Android 4278228193 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, 225) }
```

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

```
.border{ border-color:rgb(0, 148, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4278228193 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, 225) }
```

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

```
.background{ background-color: rgb(0, 148,  
225) }
```

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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