

Converting Colors

Android(4278228195)

Have a look what the booklet for
Android(4278228195) contains.

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Color

Android(4278228195)

Conversions

Conversions Part 1

Format	Color
Hex	0094E3
RGB	0, 148, 227
RGB Percent	0%, 58%, 89%
CMY	1.0000, 0.4196, 0.1098
CMYK	1.00, 0.35, 0.00, 0.11
HSL	201°, 100%, 45%
HSV	201°, 100%, 89%
XYZ	24.4550, 26.7259, 76.5427
YIQ	112.7540, -113.5670, -6.8070

Conversions

Conversions Part 2

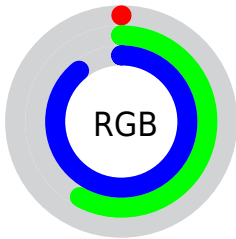
Format	Color
RYB	0, 90, 227
Decimal	38115
CIELab	58.72, -4.05, -49.01
CIELCh	59, 49.173, 265.272
Yxy	26.7259, 0.1915, 0.2092
Android (android.graphics.Color)	4278228195 (0xFF0094E3)
YUV	112.7540, 56.3233, -98.8853
Hunter-Lab	51.6971, -6.0313, -51.5969

Details

The Android color `4278228195` 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 `4293086976`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285123327`, and `4278215339` is the 20% darker color. If you saturate the color by 10%, you get `4278228195`, and if you desaturate by 10%, it is `4279737571`.

Distribution



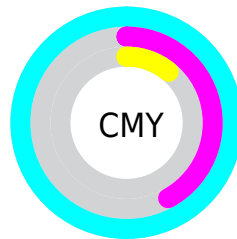
- Red (0%)
- Green (58%)
- Blue (89%)



- Red (0%)
- Yellow (35%)
- Blue (89%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228195 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 4278228195 by changing the saturation by 10% instead.

 4278228195

 4278228195

4294967295

 4278221511

 4285123327

 4278215339

 4287293183

 4278209168

 4289396735

 4278203510

 4291428351

 4278198365

 4293459967

 4278192197

 4278190894

 4278190360

 4278190080

■ 4278228195

■ 4279737571

■ 4281181411

■ 4282690787

■ 4284200163

■ 4285709283

■ 4287153123

■ 4288662499

■ 4290171875

■ 4291615715

Harmonies

Analogous

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



4278230739



4278228195



4286875099

Triad

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



4278228195



4292635499



4283145818

Complementary

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



4278228195



4293086976

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.



4286682683



4278228195



4291524679

Square

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



4278228195



4292372630



4289431859



4278231685

Rectangle

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



4278228195



4289493450



4289431859



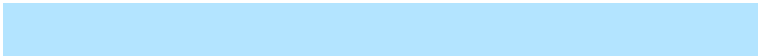
4284521550

Sweetspot

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



4278228195



4289979647



4278248268



4283592832



4278190080



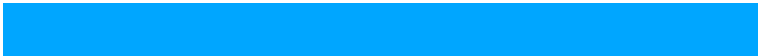
4286611584

Same Dimension

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



4278228195



4278232831



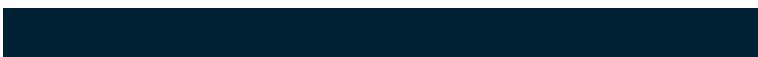
4278200035



4284968819



4278219955



4278198579

Inverse Universe

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



4293066900



4294901926



4293115136



4285753199



4289921140



4281532449

Previews

White Background



This preview shows how the Android color 4278228195 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 4278228195 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 4278228195 Background



This preview shows how black text looks on a background with the Android color 4278228195.



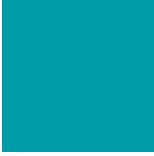
This preview shows how white text looks on a background with the Android color 4278228195.

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





Tritanopia
4278230183

Trichromacy



Original Color

4278228195



Protanomaly

4282879709



Deuteranomaly

4281831652



Tritanomaly

4278229437

Monochromacy



Original Color

4278228195



Achromatopsia

4285624689



Achromatomaly

4282941082

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228195 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 227) }
```

Border

The CSS property to change the border of an element to Android 4278228195 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, 227) }
```

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

```
.border{ border-color:rgb(0, 148, 227) }
```

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, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4278228195 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, 227) }
```

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

```
.background{ background-color: rgb(0, 148,  
227) }
```

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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