

Converting Colors

Android(4281048276)

Have a look what the booklet for
Android(4281048276) contains.

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Color

Android(4281048276)

Conversions

Conversions Part 1

Format	Color
Hex	2B9CD4
RGB	43, 156, 212
RGB Percent	17%, 61%, 83%
CMY	0.8314, 0.3882, 0.1686
CMYK	0.80, 0.26, 0.00, 0.17
HSL	200°, 66%, 50%
HSV	200°, 80%, 83%
XYZ	24.7684, 29.0440, 66.5880
YIQ	128.5970, -85.3240, -6.5400

Conversions

Conversions Part 2

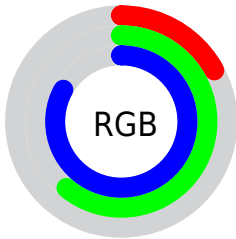
Format	Color
R_{YB}	43, 111, 212
Decimal	2858196
CIE _{Lab}	60.82, -11.76, -37.31
CIE _{LCh}	61, 39.122, 252.513
Y _{xy}	29.0440, 0.2057, 0.2412
Android (android.graphics.Color)	4281048276 (0xFF2B9CD4)
YUV	128.5970, 41.1177, -75.0686
Hunter-Lab	53.8925, -12.2752, -35.5323

Details

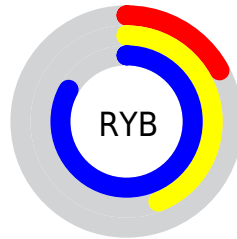
The Android color `4281048276` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4292109099`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285780735`, and `4278217117` is the 20% darker color. If you saturate the color by 10%, you get `4279670228`, and if you desaturate by 10%, it is `4282426324`.

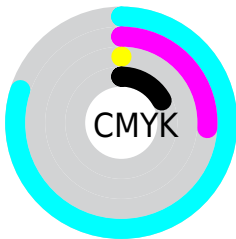
Distribution



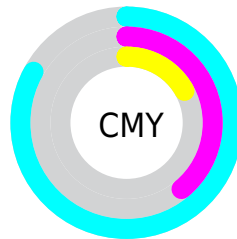
- Red (17%)
- Green (61%)
- Blue (83%)



- Red (17%)
- Yellow (44%)
- Blue (83%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (83%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281048276 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 4281048276 by changing the saturation by 10% instead.

 4281048276

 4281048276

4294967295

 4278223544

 4285780735

 4278217117

 4287819775

 4278210947

 4289855487

 4278205033

 4291821567

 4278199633

 4293853183

 4278192954

 4278190627

 4278190090

 4278190080

■ 4281048276

■ 4281048276

■ 4279670228

■ 4282426324

■ 4278292180

■ 4283804372

■ 4278226644

■ 4285247956

■ 4286626004

■ 4288004052

■ 4289382100

■ 4290760148

■ 4292203732

■ 4293581780

Harmonies

Analogous

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



4278232000



4281048276



4285960662

Triad

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



4281048276



4292179845



4285832798

Complementary

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



4281048276



4292109099

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.



4288320846



4281048276



4291788390

Square

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



4281048276



4291394216



4290415185



4282753917

Rectangle

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



4281048276



4288317901



4290415185



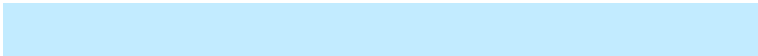
4286749783

Sweetspot

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



4281048276



4290964479



4281062497



4284183424



4278190080



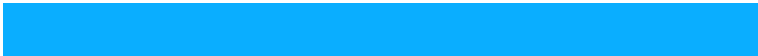
4286611584

Same Dimension

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



4281048276



4278890239



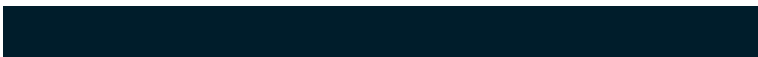
4281027284



4284508267



4278219435



4278197547

Inverse Universe

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



4292094876



4294904494



4292130091



4285227112



4289396850



4281008157

Previews

White Background



This preview shows how the Android color 4281048276 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 4281048276 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 4281048276 Background



This preview shows how black text looks on a background with the Android color 4281048276.



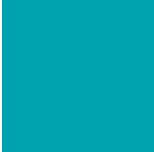
This preview shows how white text looks on a background with the Android color 4281048276.

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
4278231727

Trichromacy



Original Color
4281048276



Protanomaly
4284585166



Deuteranomaly
4284061142



Tritanomaly
4279279804

Monochromacy



Original Color
4281048276



Achromatopsia
4286677377



Achromatomaly
4284648351

CSS Examples

Text

The CSS property to change the color of the text to Android 4281048276 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(43, 156, 212)` looks like.

```
.text, #text, p{  
    color:rgb(43, 156, 212)  
}
```

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(43, 156, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 156, 212) }
```

Border

The CSS property to change the border of an element to Android 4281048276 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(43, 156, 212) }
```

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

```
.border{ border-color:rgb(43, 156, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 156, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 156, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 156, 212);  
box-shadow:4px 4px 4px 4px rgb(43, 156,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4281048276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 156, 212) }
```

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

```
.background{ background-color: rgb(43, 156,  
212) }
```

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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