

Converting Colors

Android(4282164936)

Have a look what the booklet for
Android(4282164936) contains.

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Color

Android(4282164936)

Conversions

Conversions Part 1

Format	Color
Hex	3CA6C8
RGB	60, 166, 200
RGB Percent	24%, 65%, 78%
CMY	0.7647, 0.3490, 0.2157
CMYK	0.70, 0.17, 0.00, 0.22
HSL	195°, 56%, 51%
HSV	195°, 70%, 78%
XYZ	25.9250, 32.4032, 59.5316
YIQ	138.1820, -74.0900, -11.8980

Conversions

Conversions Part 2

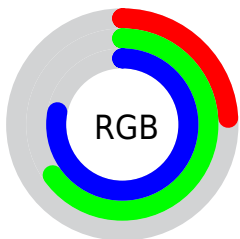
Format	Color
R _{YB}	60, 120, 200
Decimal	3974856
CIE Lab	63.67, -19.16, -26.17
CIE LCh	64, 32.436, 233.787
Yxy	32.4032, 0.2200, 0.2749
Android (android.graphics.Color)	4282164936 (0xFF3CA6C8)
YUV	138.1820, 30.4763, -68.5656
Hunter-Lab	56.9238, -18.3218, -22.1595

Details

The Android color **4282164936** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **4291321404**, and the grayscale version is **4287269514**.

A 20% lighter version of the original color is **4286373375**, and **4278219410** is the 20% darker color. If you saturate the color by 10%, you get **4280852936**, and if you desaturate by 10%, it is **4283476936**.

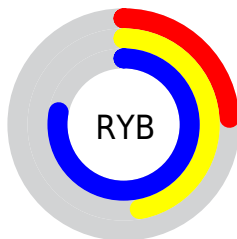
Distribution



Red (24%)

Green (65%)

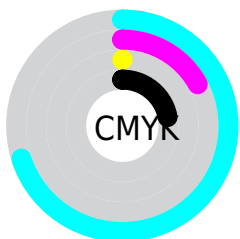
Blue (78%)



Red (24%)

Yellow (47%)

Blue (78%)

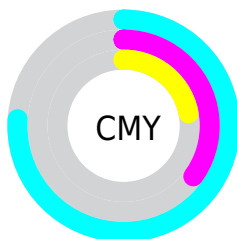


Cyan (70%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (76%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282164936 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 4282164936 by changing the saturation by 10% instead.



4282164936



4282164936

4294967295



4278684845



4286373375



4278219410



4288346879



4278212984



4290314239



4278207071



4292280319



4278201159



4294246399



4278196273



4278190364



4278190080



4282164936



4282164936

■ 4280852936

■ 4283476936

■ 4279540936

■ 4284788936

■ 4278228936

■ 4286100936

■ 4287412680

■ 4288724680

■ 4290036680

■ 4291348680

■ 4292660680

■ 4293972680

Harmonies

Analogous

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



4281510577



4282164936



4285046739

Triad

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



4282164936



4291724705



4288061541

Complementary

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



4282164936



4291321404

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.



4289959521



4282164936



4292052356

Square

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



4282164936



4290350013



4291399021



4285900407

Rectangle

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



4282164936



4287076562



4291399021



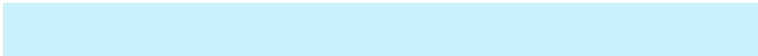
4288716129

Sweetspot

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



4282164936



4291425023



4282173533



4284512384



4278190080



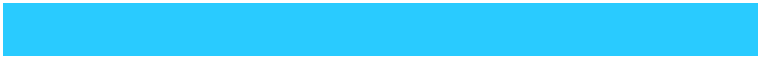
4286611584

Same Dimension

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



4282164936



4280929279



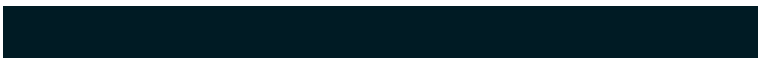
4282147272



4284113251



4278221987



4278197028

Inverse Universe

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



4291312806



4294912459



4291339068



4284701281



4288872572



4280549403

Previews

White Background



This preview shows how the Android color 4282164936 looks on a white background.

Color Contrast Check

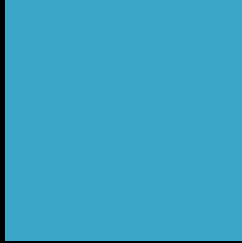
Large Text (above 18pt) WCAG AA × Fail

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 4282164936 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282164936 Background



This preview shows how black text looks on a background with the Android color 4282164936.




This preview shows how white text looks on a background with the Android color 4282164936.

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





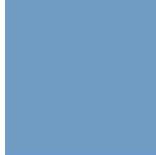
Tritanopia
4281444791

Trichromacy



Original Color

4282164936



Protanomaly

4285636034



Deuteranomaly

4285504714



Tritanomaly

4281706685

Monochromacy



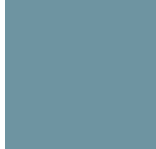
Original Color

4282164936



Achromatopsia

4287269514



Achromatomaly

4285437089

CSS Examples

Text

The CSS property to change the color of the text to Android 4282164936 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(60, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(60, 166, 200)  
}
```

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(60, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 166, 200) }
```

Border

The CSS property to change the border of an element to Android 4282164936 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(60, 166, 200) }
```

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

```
.border{ border-color:rgb(60, 166, 200) }
```

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

Here you see how a box with a 4 pixel rgb(60, 166, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(60, 166,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4282164936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 166, 200) }
```

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

```
.background{ background-color: rgb(60, 166,  
200) }
```

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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