

Converting Colors

Android(4282228401)

Have a look what the booklet for
Android(4282228401) contains.

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Color

Android(4282228401)

Conversions

Conversions Part 1

Format	Color
Hex	3D9EB1
RGB	61, 158, 177
RGB Percent	24%, 62%, 69%
CMY	0.7608, 0.3804, 0.3059
CMYK	0.66, 0.11, 0.00, 0.31
HSL	190°, 49%, 47%
HSV	190°, 66%, 69%
XYZ	22.0871, 28.6201, 45.9551
YIQ	131.1630, -63.9110, -14.6550

Conversions

Conversions Part 2

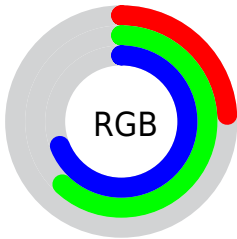
Format	Color
R_{YB}	61, 114, 177
Decimal	4038321
CIE _{Lab}	60.44, -22.10, -18.22
CIE _{LCh}	60, 28.646, 219.499
Yxy	28.6201, 0.2285, 0.2961
Android (android.graphics.Color)	4282228401 (0xFF3D9EB1)
YUV	131.1630, 22.5976, -61.5330
Hunter-Lab	53.4978, -19.9255, -13.4822

Details

The Android color `4282228401` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289810493`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4286174697`, and `4278217340` is the 20% darker color. If you saturate the color by 10%, you get `4281047985`, and if you desaturate by 10%, it is `4283408817`.

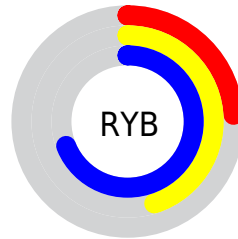
Distribution



Red (24%)

Green (62%)

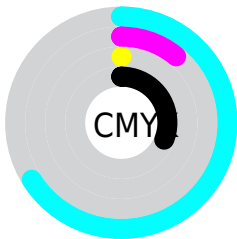
Blue (69%)



Red (24%)

Yellow (45%)

Blue (69%)

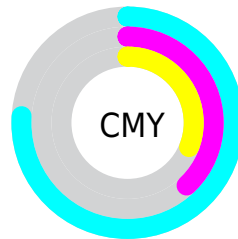


Cyan (66%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (76%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282228401 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 4282228401 by changing the saturation by 10% instead.



4282228401



4282228401

4294967295



4279534742



4286174697



4278217340



4288147967



4278211171



4290052095



4278205260



4291952639



4278199605



4293918719



4278191392



4278190084



4278190080



4282228401



4282228401

■ 4281047985

■ 4283408817

■ 4279933105

■ 4284523697

■ 4278752689

■ 4285704113

■ 4278228145

■ 4286884529

■ 4288064689

■ 4289179569

■ 4290359985

■ 4291540401

■ 4292655281

Harmonies

Analogous

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



4282818713



4282228401



4283865536

Triad

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



4282228401



4290281892



4288385888

Complementary

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



4282228401



4289810493

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.



4289890915



4282228401



4291067787

Square

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



4282228401



4288645305



4290871923



4286552682

Rectangle

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



4282228401



4285502660



4290871923



4288974943

Sweetspot

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



4282228401



4290305766



4282233166



4283919987



4294111986



4285756275

Same Dimension

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



4282228401



4281387238



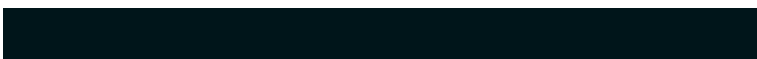
4282214065



4283455577



4278223001



4278195482

Inverse Universe

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



4289805726



4293275848



4289824829



4284043352



4288217216



4279894037

Previews

White Background



This preview shows how the Android color 4282228401 looks on a white background.

Color Contrast Check

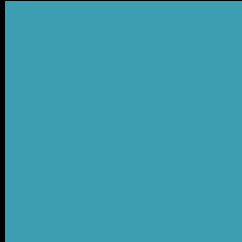
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282228401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

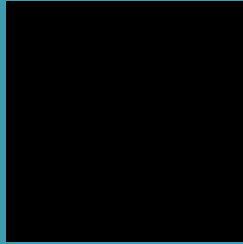
Any Text WCAG AA ✓ Pass

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 4282228401 Background



This preview shows how black text looks on a background with the Android color 4282228401.

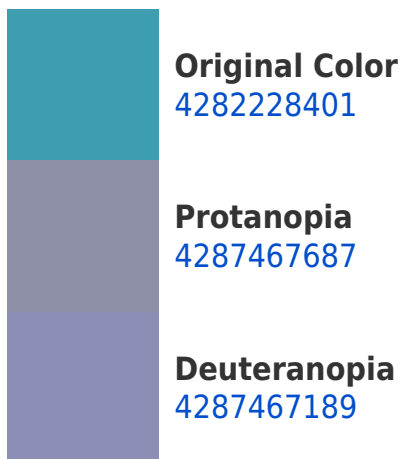


This preview shows how white text looks on a background with the Android color 4282228401.

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



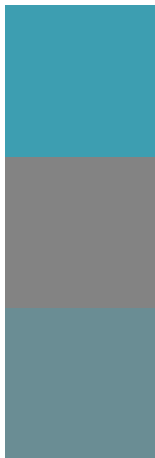
Original Color
4282228401

Protanomaly
4285568427

Deuteranomaly
4285568180

Tritanomaly
4282097582

Monochromacy



Original Color
4282228401

Achromatopsia
4286808963

Achromatomaly
4285173140

CSS Examples

Text

The CSS property to change the color of the text to Android 4282228401 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(61, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(61, 158, 177)  
}
```

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(61, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 158, 177) }
```

Border

The CSS property to change the border of an element to Android 4282228401 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(61, 158, 177) }
```

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

```
.border{ border-color:rgb(61, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(61, 158,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4282228401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 158, 177) }
```

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

```
.background{ background-color: rgb(61, 158,  
177) }
```

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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