

Converting Colors

Android(4282217856)

Have a look what the booklet for
Android(4282217856) contains.

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Color

Android(4282217856)

Conversions

Conversions Part 1

Format	Color
Hex	3D7580
RGB	61, 117, 128
RGB Percent	24%, 46%, 50%
CMY	0.7608, 0.5412, 0.4980
CMYK	0.52, 0.09, 0.00, 0.50
HSL	190°, 35%, 37%
HSV	190°, 52%, 50%
XYZ	12.1820, 15.2732, 22.7280
YIQ	101.5100, -36.9070, -8.4510

Conversions

Conversions Part 2

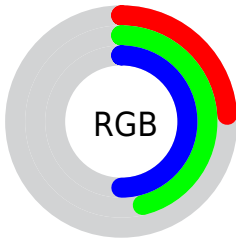
Format	Color
RYB	61, 92, 128
Decimal	4027776
CIELab	46.01, -15.17, -11.73
CIElCh	46, 19.180, 217.714
Yxy	15.2732, 0.2428, 0.3043
Android (android.graphics.Color)	4282217856 (0xFF3D7580)
YUV	101.5100, 13.0596, -35.5273
Hunter-Lab	39.0809, -12.7508, -7.1242




Details

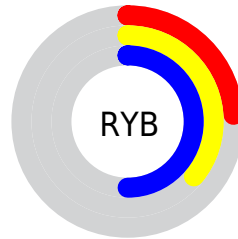
The Android color `4282217856` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286597181`, and the grayscale version is `4284835173`.




A 20% lighter version of the original color is `4285704629`, and `4278207823` is the 20% darker color. If you saturate the color by 10%, you get `4281365376`, and if you desaturate by 10%, it is `4283070336`.

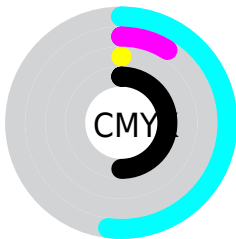
Distribution







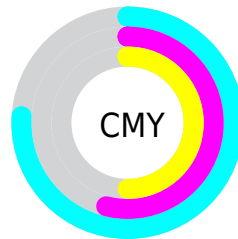
-  Red (24%)
-  Green (46%)
-  Blue (50%)






-  Red (24%)
-  Yellow (36%)
-  Blue (50%)



-  Cyan (52%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (76%)
-  Magenta (54%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282217856 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 4282217856 by changing the saturation by 10% instead.



4282217856



4282217856

4294967295



4280441959



4285704629



4278207823



4287481040



4278201912



4289257965



4278196771



4291100159



4278190092



4293001215



4278190080

4294901759



4282217856



4282217856



4281365376



4283070336

■ 4280512896

■ 4283922816

■ 4279725952

■ 4284709760

■ 4278873472

■ 4285562240

■ 4278217600

■ 4286414976

■ 4287267456

■ 4288119936

■ 4288906880

■ 4289759360

Harmonies

Analogous

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



4282480241



4282217856



4283003530

Triad

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



4282217856



4286931833



4285820237

Complementary

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



4282217856



4286597181

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.



4286802000



4282217856



4287455593

Square

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



4282217856



4285884294



4287390554



4284707411

Rectangle

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



4282217856



4283920269



4287390554



4286212941

Sweetspot

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



4282217856



4287340966



4282220615



4282667604



4292138196



4283716692

Same Dimension

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



4282217856



4282226086



4282209408



4281941824



4278217600



4278190080

Inverse Universe

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



4286594421



4289084821



4286605629



4282399039



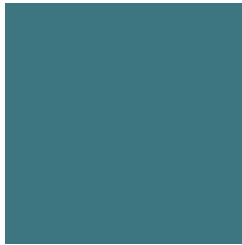
4286578795



4278190080

Previews

White Background



This preview shows how the Android color 4282217856 looks on a white background.

Color Contrast Check

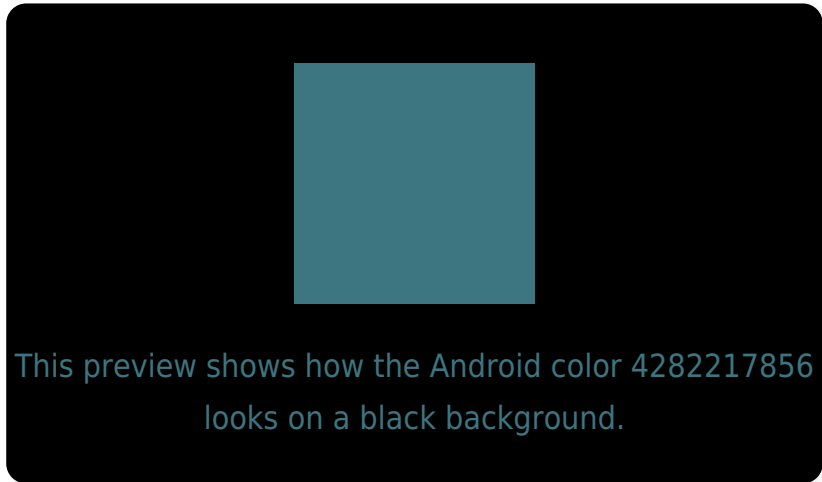
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4282217856 Background



This preview shows how black text looks on a background with the Android color 4282217856.

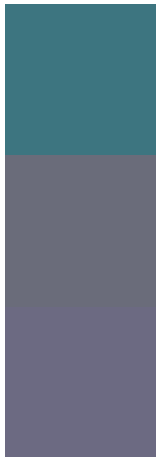


This preview shows how white text looks on a background with the Android color 4282217856.

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



Original Color
4282217856

Protanopia
4285164666

Deuteranopia
4285295234

Trichromacy



Original Color
4282217856

Protanomaly
4284116860

Deuteranomaly
4284182145

Tritanomaly
4282217855

Monochromacy



Original Color
4282217856

Achromatopsia
4284900966

Achromatomaly
4283919215

CSS Examples

Text

The CSS property to change the color of the text to Android 4282217856 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, 117, 128)` looks like.

```
.text, #text, p{  
    color:rgb(61, 117, 128)  
}
```

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, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 117, 128) }
```

Border

The CSS property to change the border of an element to Android 4282217856 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, 117, 128) }
```

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

```
.border{ border-color:rgb(61, 117, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 117, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 117, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 117, 128);  
box-shadow:4px 4px 4px 4px rgb(61, 117,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4282217856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 117, 128) }
```

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

```
.background{ background-color: rgb(61, 117,  
128) }
```

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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