

Converting Colors

Android(4280517756)

Have a look what the booklet for
Android(4280517756) contains.

Android(4280517756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280517756)

Conversions

Conversions Part 1

Format	Color
Hex	23847C
RGB	35, 132, 124
RGB Percent	14%, 52%, 49%
CMY	0.8627, 0.4824, 0.5137
CMYK	0.73, 0.00, 0.06, 0.48
HSL	175°, 58%, 33%
HSV	175°, 73%, 52%
XYZ	12.5825, 18.3151, 21.9408
YIQ	102.0850, -55.2440, -23.0520

Conversions

Conversions Part 2

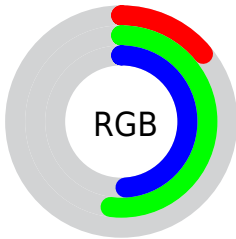
Format	Color
RYB	35, 86, 132
Decimal	2327676
CIELab	49.88, -29.12, -3.67
CIELCh	50, 29.352, 187.192
Yxy	18.3151, 0.2381, 0.3466
Android (android.graphics.Color)	4280517756 (0xFF23847C)
YUV	102.0850, 10.8041, -58.8335
Hunter-Lab	42.7961, -22.4124, -0.4396

Details

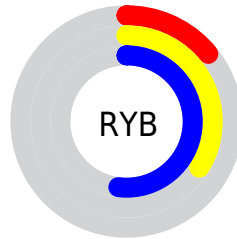
The Android color `4280517756` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286849835`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4284529328`, and `4278211147` is the 20% darker color. If you saturate the color by 10%, you get `4279665787`, and if you desaturate by 10%, it is `4281369725`.

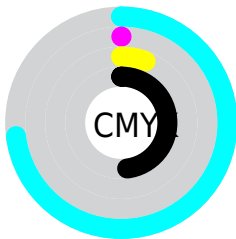
Distribution



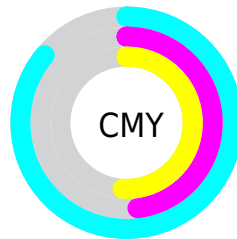
- Red (14%)
- Green (52%)
- Blue (49%)



- Red (14%)
- Yellow (34%)
- Blue (52%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (86%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280517756 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 4280517756 by changing the saturation by 10% instead.

 4280517756

 4280517756

4294967295

 4278217315

 4284529328

 4278211147

 4286371276

 4278204981

 4288213736

 4278199584

 4290117631

 4278190088

 4292018175

 4278190080

 4293918719

 4280517756

 4280517756

 4279665787

 4281369725

■ 4278813818

■ 4282221694

■ 4278223993

■ 4283139199

■ 4283991168

■ 4284843137

■ 4285695107

■ 4286547076

■ 4287464581

■ 4288316550

Harmonies

Analogous

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



4282876514



4280517756



4278354836

Triad

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



4280517756



4286672542



4288114505

Complementary

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



4280517756



4286849835

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.



4289029978



4280517756



4288374410

Square

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



4280517756



4284250024



4289160049



4286674756

Rectangle

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



4280517756



4280254624



4289160049



4288506957

Sweetspot

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



4280517756



4286950312



4281041955



4282406741



4292269782



4283914071

Same Dimension

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



4280517756



4279610270



4280507524



4282139202



4278223479



4278190850

Inverse Universe

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



4286849835



4289402145



4286860067



4282530876



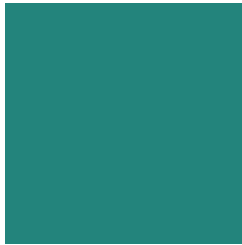
4286709771



4278386688

Previews

White Background



This preview shows how the Android color 4280517756 looks on a white background.

Color Contrast Check

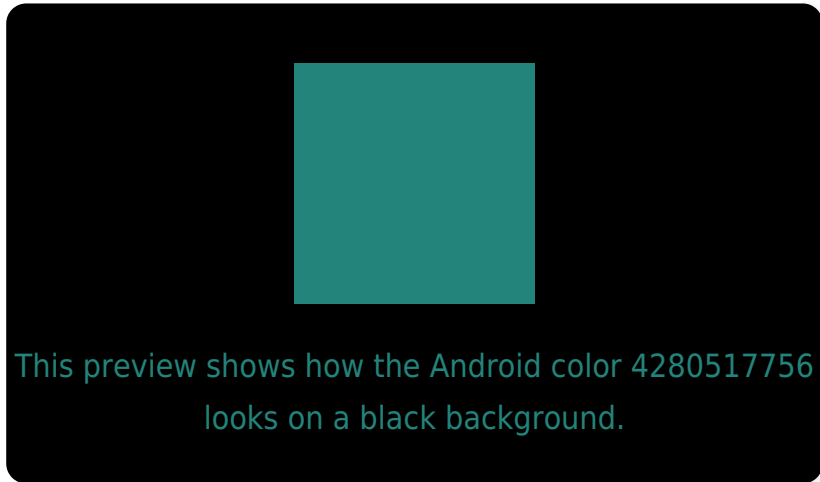
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4280517756 Background



This preview shows how black text looks on a background with the Android color 4280517756.

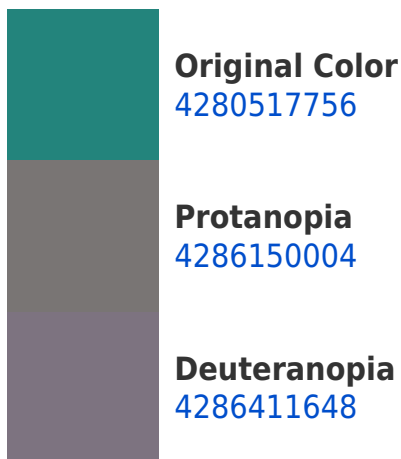


This preview shows how white text looks on a background with the Android color 4280517756.

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
4280517756

Protanomaly
4284119671

Deuteranomaly
4284250495

Tritanomaly
4280910726

Monochromacy



Original Color
4280517756

Achromatopsia
4284900966

Achromatomaly
4283330926

CSS Examples

Text

The CSS property to change the color of the text to Android 4280517756 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(35, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(35, 132, 124)  
}
```

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(35, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 132, 124) }
```

Border

The CSS property to change the border of an element to Android 4280517756 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(35, 132, 124) }
```

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

```
.border{ border-color:rgb(35, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(35, 132,  
124) }
```

Background

The CSS property to change the background color of an element to Android 4280517756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 132, 124) }
```

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

```
.background{ background-color: rgb(35, 132,  
124) }
```

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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