

Converting Colors

Android(4282557595)

Have a look what the booklet for
Android(4282557595) contains.

Android(4282557595)	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(4282557595)

Conversions

Conversions Part 1

Format	Color
Hex	42A49B
RGB	66, 164, 155
RGB Percent	26%, 64%, 61%
CMY	0.7412, 0.3569, 0.3922
CMYK	0.60, 0.00, 0.05, 0.36
HSL	174°, 43%, 45%
HSV	174°, 60%, 64%
XYZ	21.4386, 30.0757, 35.6856
YIQ	133.6720, -55.5190, -23.5750

Conversions

Conversions Part 2

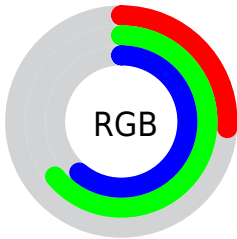
Format	Color
RYB	66, 117, 164
Decimal	4367515
CIELab	61.72, -30.64, -3.89
CIElCh	62, 30.883, 187.243
Yxy	30.0757, 0.2459, 0.3449
Android (android.graphics.Color)	4282557595 (0xFF42A49B)
YUV	133.6720, 10.5147, -59.3483
Hunter-Lab	54.8413, -26.1930, -0.1914

Details

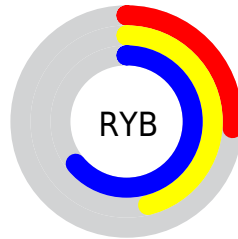
The Android color `4282557595` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288954955`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286372817`, and `4278218856` is the 20% darker color. If you saturate the color by 10%, you get `4281509017`, and if you desaturate by 10%, it is `4283606173`.

Distribution



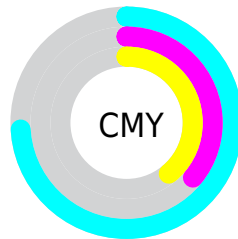
- Red (26%)
- Green (64%)
- Blue (61%)



- Red (26%)
- Yellow (46%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (74%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282557595 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 4282557595 by changing the saturation by 10% instead.



4282557595



4282557595

4294967295



4280322433



4286372817



4278218856



4288215278



4278212432



4290117631



4278206265



4292018175



4278200356



4293984255



4278193167



4278190080



4282557595



4282557595



4281509017



4283606173

 4280394904

 4284720286

 4279346326

 4285768864


 4278232213

 4286882977

 4287931555

 4288980132

 4290094246

 4291142823

 4292256937

Harmonies

Analogous

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



4284719743



4282557595



4281574325

Triad

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



4282557595



4288777409



4290350179

Complementary

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



4282557595



4288954955

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.



4291331189



4282557595



4290610091

Square

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



4282557595



4286223819



4291461263



4288779870

Rectangle

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



4282557595



4282556610



4291461263



4290808168

Sweetspot

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



4282557595



4289779411



4283212866



4283722601



4293651435



4285229931

Same Dimension

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



4282557595



4282177224



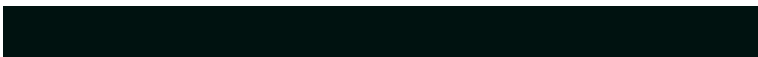
4282547620



4282995281



4278227332



4278194704

Inverse Universe

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



4288954955



4292230218



4288964930



4283582794



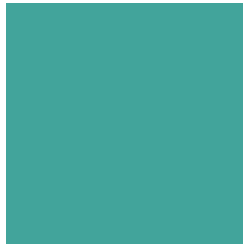
4287692813



4279369730

Previews

White Background



This preview shows how the Android color 4282557595 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 4282557595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

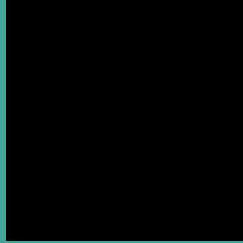
Any Text WCAG AA ✓ Pass

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 4282557595 Background



This preview shows how black text looks on a background with the Android color 4282557595.

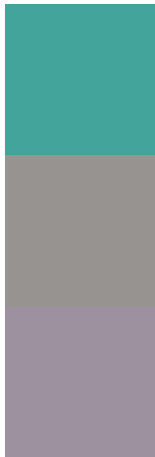


This preview shows how white text looks on a background with the Android color 4282557595.

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
4282557595

Protanopia
4288123793

Deuteranopia
4288516255

Trichromacy



Original Color

4282557595



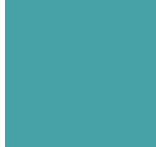
Protanomaly

4286093717



Deuteranomaly

4286355358



Tritanomaly

4282884775

Monochromacy



Original Color

4282557595



Achromatopsia

4287006342



Achromatomaly

4285370766

CSS Examples

Text

The CSS property to change the color of the text to Android 4282557595 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(66, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(66, 164, 155)  
}
```

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(66, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 164, 155) }
```

Border

The CSS property to change the border of an element to Android 4282557595 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(66, 164, 155) }
```

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

```
.border{ border-color:rgb(66, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(66, 164,  
155) }
```

Background

The CSS property to change the background color of an element to Android 4282557595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 164, 155) }
```

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

```
.background{ background-color: rgb(66, 164,  
155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor