

Converting Colors

Android(4282358704)

Have a look what the booklet for
Android(4282358704) contains.

Android(4282358704)	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(4282358704)

Conversions

Conversions Part 1

Format	Color
Hex	3F9BB0
RGB	63, 155, 176
RGB Percent	25%, 61%, 69%
CMY	0.7529, 0.3922, 0.3098
CMYK	0.64, 0.12, 0.00, 0.31
HSL	191°, 47%, 47%
HSV	191°, 64%, 69%
XYZ	21.6077, 27.6340, 45.2694
YIQ	129.8860, -61.5730, -12.9730

Conversions

Conversions Part 2

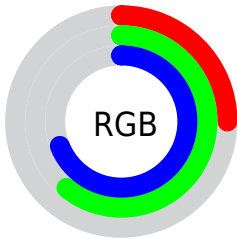
Format	Color
RYB	63, 114, 176
Decimal	4168624
CIELab	59.56, -20.52, -19.00
CIELCh	60, 27.964, 222.806
Yxy	27.6340, 0.2286, 0.2924
Android (android.graphics.Color)	4282358704 (0xFF3F9BB0)
YUV	129.8860, 22.7342, -58.6590
Hunter-Lab	52.5681, -18.6231, -14.2603

Details

The Android color `4282358704` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289745983`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4286305000`, and `4278216827` is the 20% darker color. If you saturate the color by 10%, you get `4281178288`, and if you desaturate by 10%, it is `4283539120`.

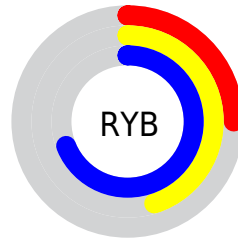
Distribution



Red (25%)

Green (61%)

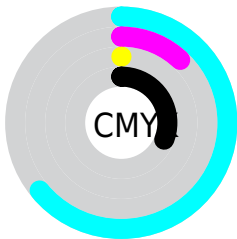
Blue (69%)



Red (25%)

Yellow (45%)

Blue (69%)

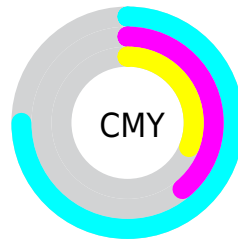


Cyan (64%)

Magenta (12%)

Yellow (0%)

Black (31%)



Cyan (75%)

Magenta (39%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282358704 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 4282358704 by changing the saturation by 10% instead.



4282358704



4282358704

4294967295



4279861653



4286305000



4278216827



4288147199



4278210403



4290052095



4278204491



4292018175



4278199092



4293918719



4278190623



4278190082



4278190080



4282358704



4282358704

■ 4281178288

■ 4283539120

■ 4280063152

■ 4284654256

■ 4278882736

■ 4285834672

■ 4278226864

■ 4286949552

■ 4288129968

■ 4289310640

■ 4290425520

■ 4291605936

■ 4292720816

Harmonies

Analogous

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



4282686873



4282358704



4284061374

Triad

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



4282358704



4290215839



4288057695

Complementary

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



4282358704



4289745983

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.



4289562977



4282358704



4290805126

Square

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



4282358704



4288710068



4290543983



4286224491

Rectangle

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



4282358704



4285698496



4290543983



4288581470

Sweetspot

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



4282358704



4290436582



4282363988



4283985523



4294111986



4285756275

Same Dimension

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



4282358704



4281714150



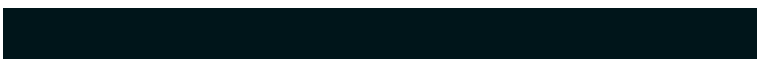
4282344368



4283455577



4278222233



4278195482

Inverse Universe

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



4289740699



4293277125



4289760319



4284043352



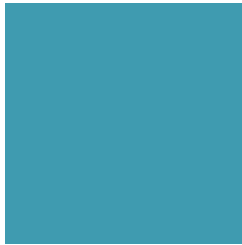
4288217213



4279894037

Previews

White Background



This preview shows how the Android color 4282358704 looks on a white background.

Color Contrast Check

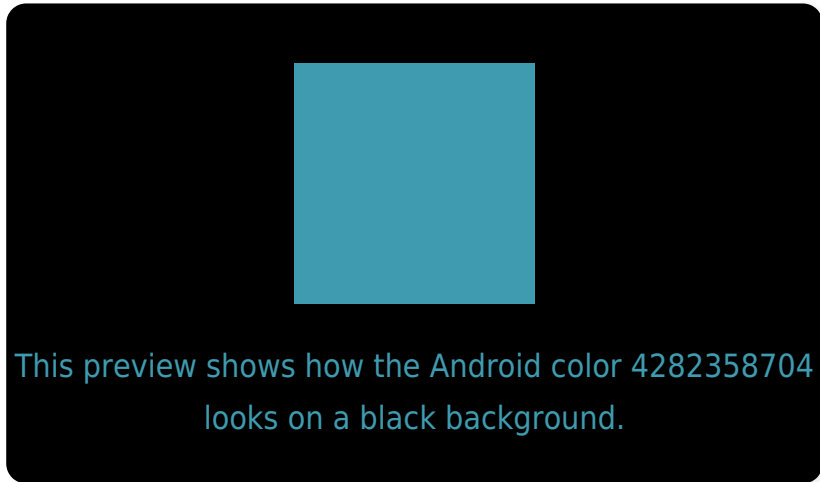
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4282358704 Background



This preview shows how black text looks on a background with the Android color 4282358704.



This preview shows how white text looks on a background with the Android color 4282358704.

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
4282358704

Protanomaly
4285502122

Deuteranomaly
4285436338

Tritanomaly
4282162348

Monochromacy



Original Color
4282358704

Achromatopsia
4286743170

Achromatomaly
4285172627

CSS Examples

Text

The CSS property to change the color of the text to Android 4282358704 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(63, 155, 176)` looks like.

```
.text, #text, p{  
    color:rgb(63, 155, 176)  
}
```

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(63, 155, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 155, 176) }
```

Border

The CSS property to change the border of an element to Android 4282358704 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(63, 155, 176) }
```

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

```
.border{ border-color:rgb(63, 155, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 155, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(63, 155,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4282358704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 155, 176) }
```

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

```
.background{ background-color: rgb(63, 155,  
176) }
```

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