

Converting Colors

Android(4282020454)

Have a look what the booklet for
Android(4282020454) contains.

Android(4282020454)	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(4282020454)

Conversions

Conversions Part 1

Format	Color
Hex	3A7266
RGB	58, 114, 102
RGB Percent	23%, 45%, 40%
CMY	0.7725, 0.5529, 0.6000
CMYK	0.49, 0.00, 0.11, 0.55
HSL	167°, 33%, 34%
HSV	167°, 49%, 45%
XYZ	10.1605, 13.8935, 14.7166
YIQ	95.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

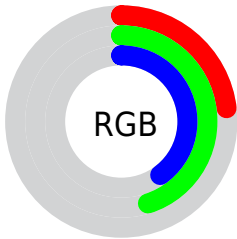
Format	Color
RYB	58, 89, 114
Decimal	3830374
CIELab	44.08, -21.67, 0.95
CIELCh	44, 21.686, 177.498
Yxy	13.8935, 0.2621, 0.3584
Android (android.graphics.Color)	4282020454 (0xFF3A7266)
YUV	95.8880, 3.0132, -33.2278
Hunter-Lab	37.2740, -16.5721, 2.6828

Details

The Android color `4282020454` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285676102`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285376153`, and `4278207031` is the 20% darker color. If you saturate the color by 10%, you get `4281299556`, and if you desaturate by 10%, it is `4282741352`.

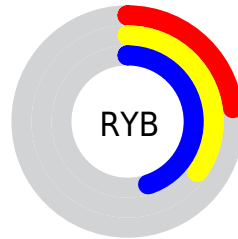
Distribution



Red (23%)

Green (45%)

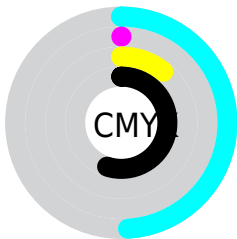
Blue (40%)



Red (23%)

Yellow (35%)

Blue (45%)

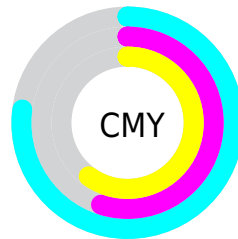


Cyan (49%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282020454 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 4282020454 by changing the saturation by 10% instead.



4282020454



4282020454

4294967295



4280310094



4285376153



4278207031



4287152564



4278201122



4288929231



4278195980



4290706155



4278190080



4292607999



4294508543



4282020454



4282020454



4281299556



4282741352

■ 4280513121

■ 4283527787

■ 4279792223

■ 4284248685

■ 4279005788

■ 4285035120

■ 4278284890

■ 4285756018

■ 4278219354

■ 4286476917

■ 4287263351

■ 4287984250

■ 4288770684

Harmonies

Analogous

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



4283396180



4282020454



4281168504

Triad

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



4282020454



4285097096



4286931018

Complementary

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



4282020454



4285676102

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.



4287388760



4282020454



4286471804

Square

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



4282020454



4283329164



4287257450



4285949764

Rectangle

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



4282020454



4281364610



4287257450



4287127374

Sweetspot

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



4282020454



4286485647



4282806842



4282206791



4291414473



4283058762

Same Dimension

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



4282020454



4282225793



4282016370



4281481271



4278220894



4278253506

Inverse Universe

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



4285676102



4287905103



4285680186



4281872948



4286054426



4294377525

Previews

White Background



This preview shows how the Android color 4282020454 looks on a white background.

Color Contrast Check

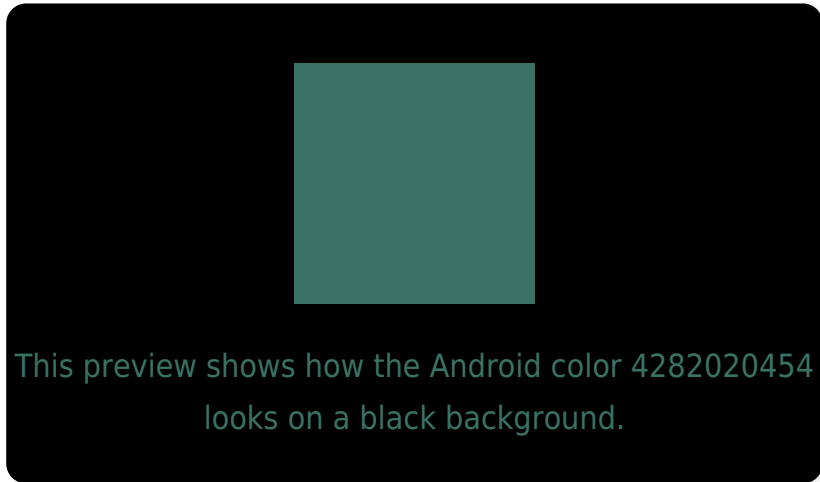
Large Text (above 18pt) WCAG AA ✓ Pass

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

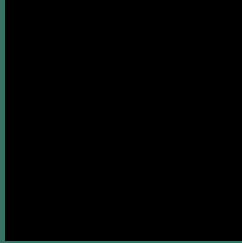
Any Text WCAG AA × Fail

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 4282020454 Background



This preview shows how black text looks on a background with the Android color 4282020454.



This preview shows how white text looks on a background with the Android color 4282020454.

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

4282020454

Protanopia

4285228896

Deuteranopia

4285621353

Trichromacy



Original Color
4282020454

Protanomaly
4284050274

Deuteranomaly
4284311912

Tritanomaly
4282282097

Monochromacy



Original Color
4282020454

Achromatopsia
4284506208

Achromatomaly
4283590498

CSS Examples

Text

The CSS property to change the color of the text to Android 4282020454 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(58, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(58, 114, 102)  
}
```

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(58, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 114, 102) }
```

Border

The CSS property to change the border of an element to Android 4282020454 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(58, 114, 102) }
```

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

```
.border{ border-color:rgb(58, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(58, 114,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4282020454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 114, 102) }
```

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

```
.background{ background-color: rgb(58, 114,  
102) }
```

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