

Converting Colors

Android(4280336240)

Have a look what the booklet for
Android(4280336240) contains.

Android(4280336240)	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(4280336240)

Conversions

Conversions Part 1

Format	Color
Hex	20BF70
RGB	32, 191, 112
RGB Percent	13%, 75%, 44%
CMY	0.8745, 0.2510, 0.5608
CMYK	0.83, 0.00, 0.41, 0.25
HSL	150°, 71%, 44%
HSV	150°, 83%, 75%
XYZ	22.1511, 38.7385, 21.6390
YIQ	134.4530, -69.4050, -58.2770

Conversions

Conversions Part 2

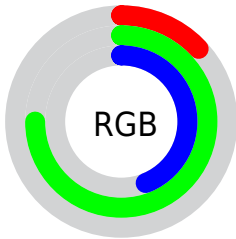
Format	Color
RYB	32, 138, 191
Decimal	2146160
CIELab	68.56, -56.79, 29.08
CIELCh	69, 63.806, 152.884
Yxy	38.7385, 0.2684, 0.4694
Android (android.graphics.Color)	4280336240 (0xFF20BF70)
YUV	134.4530, -11.0693, -89.8513
Hunter-Lab	62.2403, -45.3930, 22.9549

Details

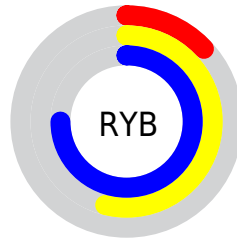
The Android color `4280336240` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290715759`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285266340`, and `4278224959` is the 20% darker color. If you saturate the color by 10%, you get `4279091047`, and if you desaturate by 10%, it is `4281581433`.

Distribution



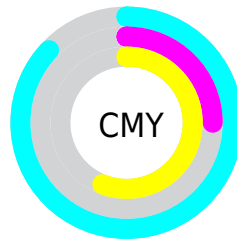
- Red (13%)
- Green (75%)
- Blue (44%)



- Red (13%)
- Yellow (54%)
- Blue (75%)



- Cyan (83%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (87%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280336240 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 4280336240 by changing the saturation by 10% instead.

 4280336240

 4280336240

4294967295

 4278231895

 4285266340

 4278224959

 4287233984

 4278218279

 4289265628

 4278211600

 4291231737

 4278205184

 4293197823


 4278199296

 4278190080

 4280336240

 4280336240

 4279091047

 4281581433

■ 4278239072

■ 4282826627

■ 4284071820

■ 4285317014

■ 4286562207

■ 4287872937

■ 4289118130

■ 4290363324

■ 4291608517

Harmonies

Analogous

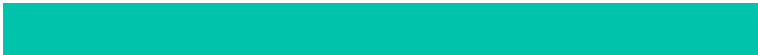
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286953023



4280336240



4278240171

Triad

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



4280336240



4279282943



4294933100

Complementary

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



4280336240



4290715759

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.



4294930852



4280336240



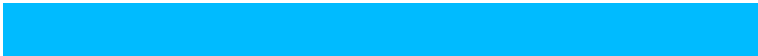
4289763071

Square

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



4280336240



4278238207



4294082013



4293824830

Rectangle

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



4280336240



4278240210



4294082013



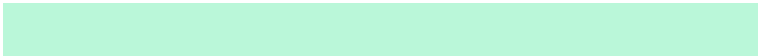
4294931838

Sweetspot

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



4280336240



4290443225



4285579040



4283923818



4294769916



4286414205

Same Dimension

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



4280336240



4278253436



4280336319



4283784794



4278230608



4278198031

Inverse Universe

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



4290715759



4294377595



4290715680



4284372314



4288544847



4280221711

Previews

White Background



This preview shows how the Android color 4280336240 looks on a white background.

Color Contrast Check

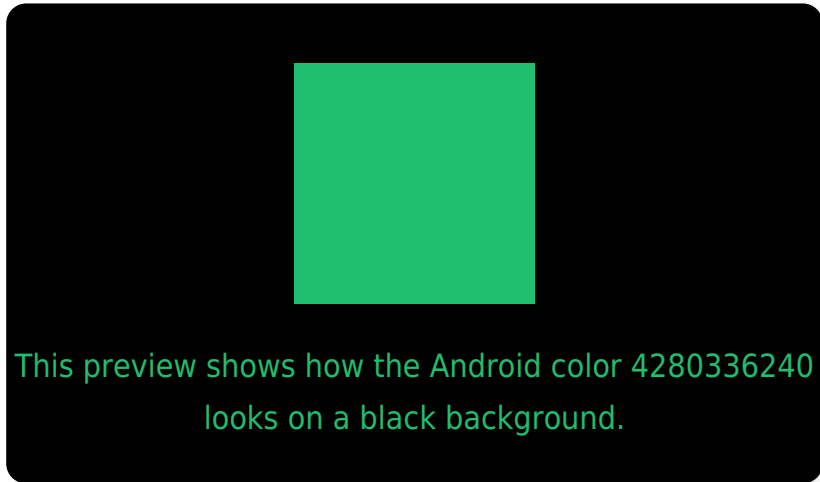
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

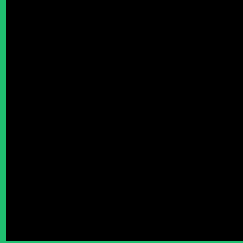
Any Text WCAG AA ✓ Pass

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 4280336240 Background



This preview shows how black text looks on a background with the Android color 4280336240.



This preview shows how white text looks on a background with the Android color 4280336240.

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





Tritanopia
4283151812

Trichromacy



Original Color

4280336240



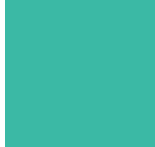
Protanomaly

4286558058



Deuteranomaly

4287212405



Tritanomaly

4282104229

Monochromacy



Original Color

4280336240



Achromatopsia

4287006342



Achromatomaly

4284586878

CSS Examples

Text

The CSS property to change the color of the text to Android 4280336240 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(32, 191, 112)` looks like.

```
.text, #text, p{  
    color:rgb(32, 191, 112)  
}
```

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(32, 191, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 191, 112) }
```

Border

The CSS property to change the border of an element to Android 4280336240 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(32, 191, 112) }
```

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

```
.border{ border-color:rgb(32, 191, 112) }
```

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

Here you see how a box with a 4 pixel rgb(32, 191, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 191, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 191, 112);  
box-shadow:4px 4px 4px 4px rgb(32, 191,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4280336240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 191, 112) }
```

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

```
.background{ background-color: rgb(32, 191,  
112) }
```

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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