

Converting Colors

Android(4281171353)

Have a look what the booklet for
Android(4281171353) contains.

Android(4281171353)	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(4281171353)

Conversions

Conversions Part 1

Format	Color
Hex	2D7D99
RGB	45, 125, 153
RGB Percent	18%, 49%, 60%
CMY	0.8235, 0.5098, 0.4000
CMYK	0.71, 0.18, 0.00, 0.40
HSL	196°, 55%, 39%
HSV	196°, 71%, 60%
XYZ	14.1656, 17.5250, 32.7731
YIQ	104.2720, -56.6680, -8.2520

Conversions

Conversions Part 2

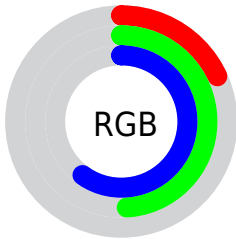
Format	Color
RYB	45, 91, 153
Decimal	2981273
CIELab	48.91, -14.71, -22.11
CIElCh	49, 26.558, 236.366
Yxy	17.5250, 0.2197, 0.2719
Android (android.graphics.Color)	4281171353 (0xFF2D7D99)
YUV	104.2720, 24.0229, -51.9815
Hunter-Lab	41.8629, -12.8592, -17.1121

Details

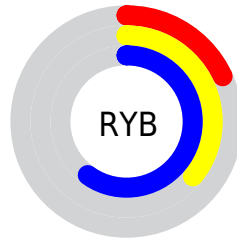
The Android color `4281171353` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4288235821`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285117135`, and `4278209638` is the 20% darker color. If you saturate the color by 10%, you get `4280187289`, and if you desaturate by 10%, it is `4282155417`.

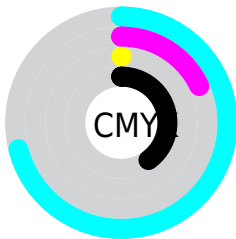
Distribution



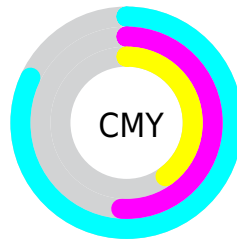
- Red (18%)
- Green (49%)
- Blue (60%)



- Red (18%)
- Yellow (36%)
- Blue (60%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)





- Cyan (82%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281171353 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 4281171353 by changing the saturation by 10% instead.

 4281171353

 4281171353

4294967295

 4278215807

 4285117135

 4278209638

 4286959084

 4278203726

 4288801279

 4278198327

 4290707455


 4278190626

 4292607999

 4278190087

 4294574079

 4278190080

 4281171353

 4281171353

 4280187289

 4282155417

■ 4279137689

■ 4283205017

■ 4278219161

■ 4284189081

■ 4285173145

■ 4286222745

■ 4287206809

■ 4288190873

■ 4289174937

■ 4290224537

Harmonies

Analogous

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



4280385671



4281171353



4283463585

Triad

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



4281171353



4288504696



4285495627

Complementary

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



4281171353



4288235821

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.



4287001159



4281171353



4288701537

Square

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



4281171353



4287522957



4288113232



4283792987

Rectangle

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



4281171353



4285035167



4288113232



4286019401

Sweetspot

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



4281171353



4288527559



4281178440



4283129187



4293125091



4284703587

Same Dimension

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



4281171353



4280196039



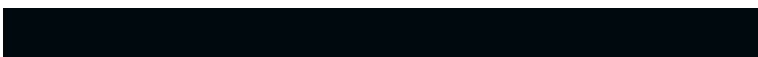
4281157785



4282731341



4278216844



4278192397

Inverse Universe

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



4288228733



4291239579



4288249389



4283254091



4287365224



4279042057

Previews

White Background



This preview shows how the Android color 4281171353 looks on a white background.

Color Contrast Check

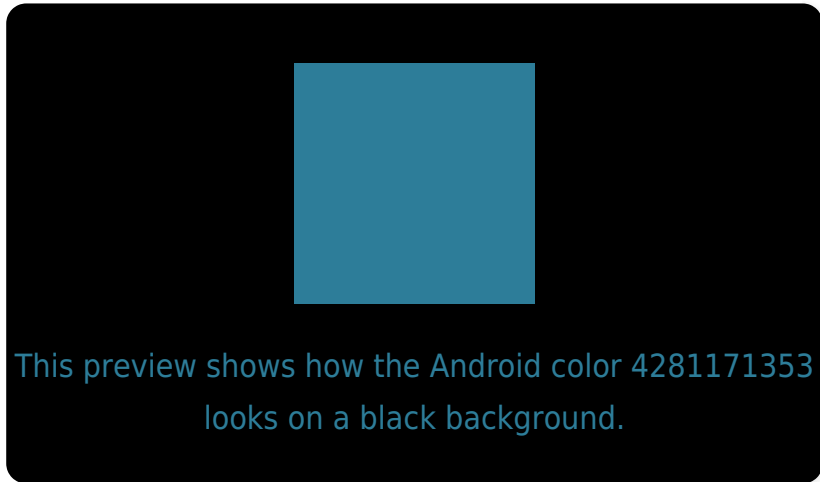
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281171353 Background



This preview shows how black text looks on a background with the Android color 4281171353.



This preview shows how white text looks on a background with the Android color 4281171353.

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
4281171353

Protanomaly
4283790996

Deuteranomaly
4283659931

Tritanomaly
4280778639

Monochromacy



Original Color
4281171353

Achromatopsia
4285032552

Achromatomaly
4283658362

CSS Examples

Text

The CSS property to change the color of the text to Android 4281171353 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(45, 125, 153)` looks like.

```
.text, #text, p{  
    color:rgb(45, 125, 153)  
}
```

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(45, 125, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 125, 153) }
```

Border

The CSS property to change the border of an element to Android 4281171353 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(45, 125, 153) }
```

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

```
.border{ border-color:rgb(45, 125, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 125, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 125, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 125, 153);  
box-shadow:4px 4px 4px 4px rgb(45, 125,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4281171353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 125, 153) }
```

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

```
.background{ background-color: rgb(45, 125,  
153) }
```

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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