

Converting Colors

Android(4281556345)

Have a look what the booklet for
Android(4281556345) contains.

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Color

Android(4281556345)

Conversions

Conversions Part 1

Format	Color
Hex	335D79
RGB	51, 93, 121
RGB Percent	20%, 36%, 47%
CMY	0.8000, 0.6353, 0.5255
CMYK	0.58, 0.23, 0.00, 0.53
HSL	204°, 41%, 34%
HSV	204°, 58%, 47%
XYZ	8.7308, 9.9130, 19.5424
YIQ	83.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

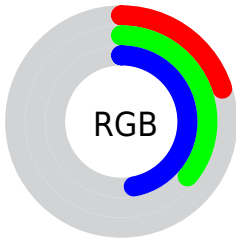
Format	Color
RYB	51, 77, 121
Decimal	3366265
CIELab	37.69, -5.80, -20.25
CIELCh	38, 21.069, 254.012
Yxy	9.9130, 0.2286, 0.2596
Android (android.graphics.Color)	4281556345 (0xFF335D79)
YUV	83.6340, 18.4214, -28.6200
Hunter-Lab	31.4849, -5.6004, -14.7614

Details

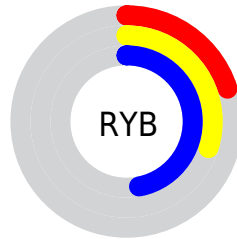
The Android color `4281556345` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286140211`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284977069`, and `4278202184` is the 20% darker color. If you saturate the color by 10%, you get `4280768633`, and if you desaturate by 10%, it is `4282344057`.

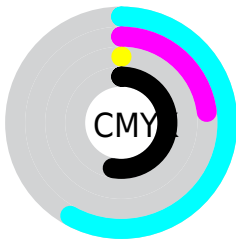
Distribution



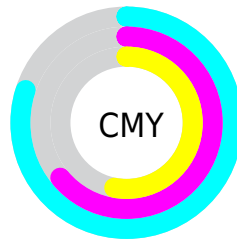
- Red (20%)
- Green (36%)
- Blue (47%)



- Red (20%)
- Yellow (30%)
- Blue (47%)



- Cyan (58%)
- Magenta (23%)
- Yellow (0%)
- Black (53%)



- Cyan (80%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281556345 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 4281556345 by changing the saturation by 10% instead.



4281556345



4281556345

4294967295



4279715168



4284977069



4278202184



4286753481



4278197042



4288529893



4278190621



4290372095



4278190080



4292214271



4294115327



4281556345



4281556345



4280768633



4282344057

■ 4279980921

■ 4283131769

■ 4279193209

■ 4283919481

■ 4278405753

■ 4284706937

■ 4278208889

■ 4285494649

■ 4286347897

■ 4287135609

■ 4287923321

■ 4288711033

Harmonies

Analogous

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



4280181104



4281556345



4283324538

Triad

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



4281556345



4286205009



4282998592

Complementary

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



4281556345



4286140211

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.



4284242487



4281556345



4286009154

Square

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



4281556345



4285812066



4285289784



4281688399

Rectangle

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



4281556345



4284371829



4285289784



4283456828

Sweetspot

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



4281556345



4286813086



4281563471



4282337615



4291809231



4283387727

Same Dimension

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



4281556345



4281430686



4281547385



4281809725



4278209405



4278228988

Inverse Universe

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



4286133085



4288557426



4286149171



4282201915



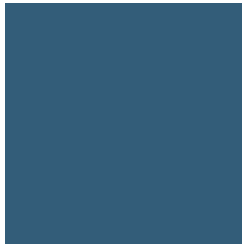
4286382155



4294705303

Previews

White Background



This preview shows how the Android color 4281556345 looks on a white background.

Color Contrast Check

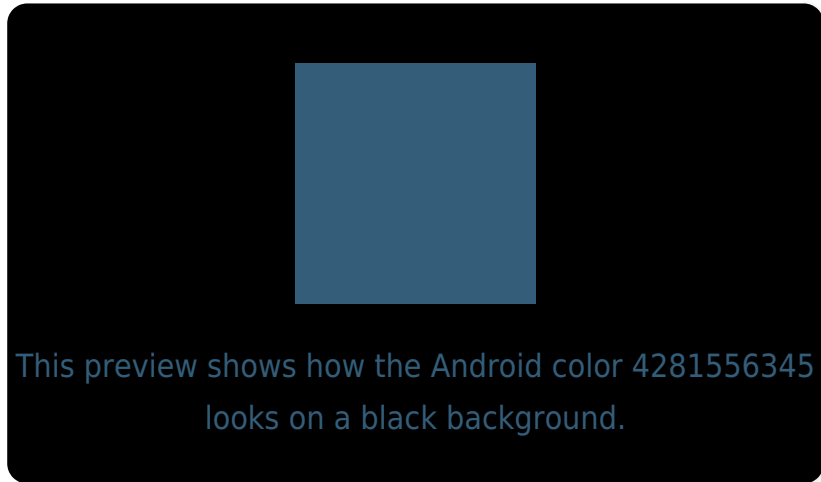
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

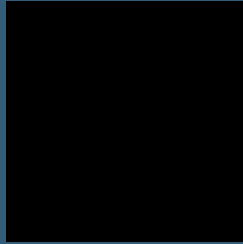
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4281556345 Background



This preview shows how black text looks on a background with the Android color 4281556345.

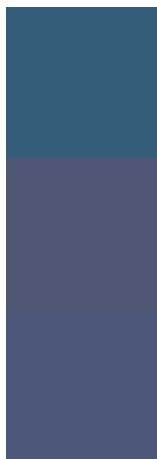


This preview shows how white text looks on a background with the Android color 4281556345.

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

4281556345

Protanopia

4283455349

Deuteranopia

4283258746

Trichromacy



Original Color

4281556345

Protanomaly

4282734966

Deuteranomaly

4282669434

Tritanomaly

4281294702

Monochromacy



Original Color

4281556345

Achromatopsia

4283716692

Achromatomaly

4282931041

CSS Examples

Text

The CSS property to change the color of the text to Android 4281556345 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(51, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(51, 93, 121)  
}
```

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(51, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 93, 121) }
```

Border

The CSS property to change the border of an element to Android 4281556345 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(51, 93, 121) }
```

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

```
.border{ border-color:rgb(51, 93, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 93, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(51, 93,  
121) }
```

Background

The CSS property to change the background color of an element to Android 4281556345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 93, 121) }
```

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

```
.background{ background-color: rgb(51, 93,  
121) }
```

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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