

Converting Colors

Android(4280373657)

Have a look what the booklet for
Android(4280373657) contains.

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Color

Android(4280373657)

Conversions

Conversions Part 1

Format	Color
Hex	215199
RGB	33, 81, 153
RGB Percent	13%, 32%, 60%
CMY	0.8706, 0.6824, 0.4000
CMYK	0.78, 0.47, 0.00, 0.40
HSL	216°, 65%, 36%
HSV	216°, 78%, 60%
XYZ	9.3194, 8.5081, 31.2880
YIQ	74.8560, -51.7200, 12.2160

Conversions

Conversions Part 2

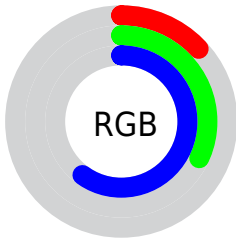
Format	Color
R_{YB}	33, 67, 153
Decimal	2183577
CIE _{Lab}	35.02, 10.65, -44.01
CIE _{LCh}	35, 45.284, 283.602
Yxy	8.5081, 0.1897, 0.1732
Android (android.graphics.Color)	4280373657 (0xFF215199)
YUV	74.8560, 38.5250, -36.7077
Hunter-Lab	29.1686, 5.9857, -43.1799




Details

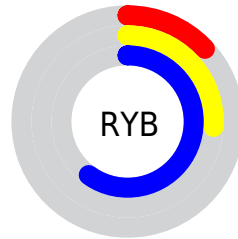
The Android color `4280373657` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288244001`, and the grayscale version is `4283124555`.




A 20% lighter version of the original color is `4284515024`, and `4278199909` is the 20% darker color. If you saturate the color by 10%, you get `4279388313`, and if you desaturate by 10%, it is `4281359001`.

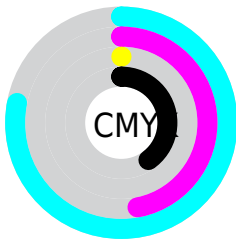
Distribution







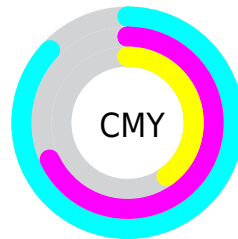
-  Red (13%)
-  Green (32%)
-  Blue (60%)






-  Red (13%)
-  Yellow (26%)
-  Blue (60%)



-  Cyan (78%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (87%)
-  Magenta (68%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280373657 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 4280373657 by changing the saturation by 10% instead.



4280373657



4280373657

4294967295



4278205055



4284515024



4278199909



4286422252



4278194509



4288263935



4278191413



4290171647



4278190623



4292079359



4278190082



4294049791



4278190080



4280373657



4280373657



4279388313



4281359001

■ 4278337433

■ 4282409881

■ 4278205849

■ 4283395481

■ 4284380825

■ 4285366169

■ 4286417049

■ 4287402393

■ 4288387737

■ 4289438873

Harmonies

Analogous

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



4278213784



4280373657



4285088135

Triad

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



4280373657



4287248930



4278215229

Complementary

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



4280373657



4288244001

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.



4280966681



4280373657



4285810946

Square

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



4280373657



4287835459



4283717120



4278215522

Rectangle

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



4280373657



4286658163



4283717120



4278214960

Sweetspot

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



4280373657



4288129735



4280392041



4282864227



4293125091



4284703587

Same Dimension

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



4280373657



4278998983



4281147801



4282730573



4278204556



4278191373

Inverse Universe

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



4288225617



4291234903



4287469857



4283254088



4287365176



4279042053

Previews

White Background



This preview shows how the Android color 4280373657 looks on a white background.

Color Contrast Check

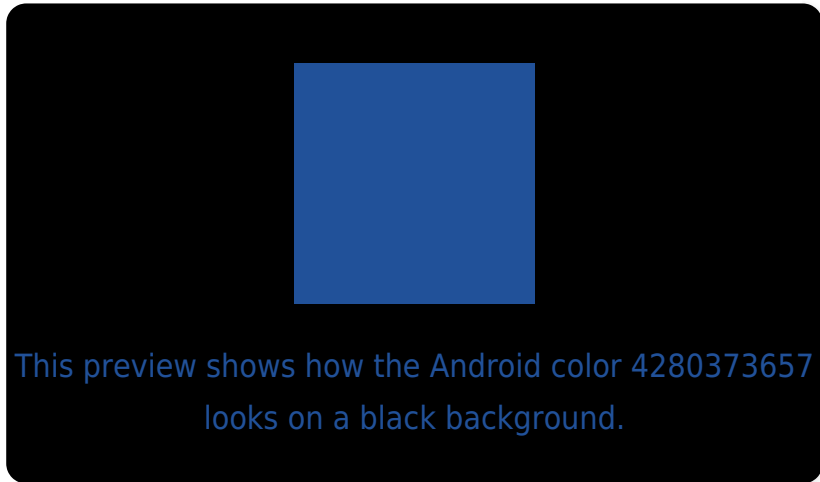
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280373657 Background



This preview shows how black text looks on a background with the Android color 4280373657.



This preview shows how white text looks on a background with the Android color 4280373657.

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
4280373657

Protanopia
4281159832

Deuteranopia
4278211731

Trichromacy



Original Color
4280373657

Protanomaly
4280897688

Deuteranomaly
4278997909

Tritanomaly
4278998902

Monochromacy



Original Color
4280373657

Achromatopsia
4283124555

Achromatomaly
4282142055

CSS Examples

Text

The CSS property to change the color of the text to Android 4280373657 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(33, 81, 153)` looks like.

```
.text, #text, p{  
    color:rgb(33, 81, 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(33, 81, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 81, 153) }
```

Border

The CSS property to change the border of an element to Android 4280373657 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(33, 81, 153) }
```

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

```
.border{ border-color:rgb(33, 81, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 81, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 81, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 81, 153);  
box-shadow:4px 4px 4px 4px rgb(33, 81,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4280373657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 81, 153) }
```

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

```
.background{ background-color: rgb(33, 81,  
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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