

Converting Colors

Android(4280500666)

Have a look what the booklet for
Android(4280500666) contains.

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Color

Android(4280500666)

Conversions

Conversions Part 1

Format	Color
Hex	2341BA
RGB	35, 65, 186
RGB Percent	14%, 25%, 73%
CMY	0.8627, 0.7451, 0.2706
CMYK	0.81, 0.65, 0.00, 0.27
HSL	228°, 68%, 43%
HSV	228°, 81%, 73%
XYZ	11.4464, 7.6831, 47.3341
YIQ	69.8240, -56.7210, 31.2710

Conversions

Conversions Part 2

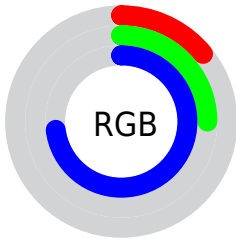
Format	Color
R_{YB}	35, 60, 186
Decimal	2310586
CIE _{Lab}	33.31, 34.35, -66.48
CIE _{LCh}	33, 74.835, 297.327
Yxy	7.6831, 0.1722, 0.1156
Android (android.graphics.Color)	4280500666 (0xFF2341BA)
YUV	69.8240, 57.2748, -30.5406
Hunter-Lab	27.7184, 25.2047, -81.8453

Details

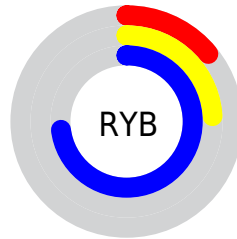
The Android color `4280500666` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290419747`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4285231603`, and `4278196100` is the 20% darker color. If you saturate the color by 10%, you get `4279251642`, and if you desaturate by 10%, it is `4281749690`.

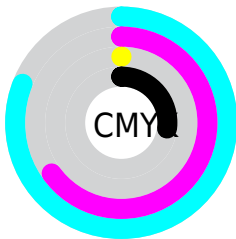
Distribution



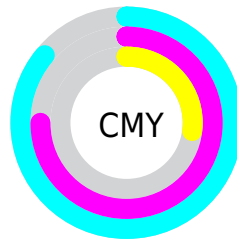
- Red (14%)
- Green (25%)
- Blue (73%)



- Red (14%)
- Yellow (24%)
- Blue (73%)



- Cyan (81%)
- Magenta (65%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280500666 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 4280500666 by changing the saturation by 10% instead.

 4280500666

 4280500666

4294967295

 4278201246

 4285231603

 4278196100

 4287204095

 4278190698

 4289176831

 4278191696

 4291150079

 4278191416

 4293188607

 4278190626

 4294965503

 4278190088

 4278190080

 4280500666

 4280500666

■ 4279251642

■ 4281749690

■ 4278199738

■ 4282933178

■ 4284182202

■ 4285365690

■ 4286614714

■ 4287863482

■ 4289046970

■ 4290295994

■ 4291479482

Harmonies

Analogous

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



4278213064



4280500666



4287366288

Triad

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



4280500666



4287638528



4278215751

Complementary

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



4280500666



4290419747

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.



4278214912



4280500666



4284828416

Square

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



4280500666



4289396765



4280834560



4278216068

Rectangle

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



4280500666



4289134698



4280834560



4278215474

Sweetspot

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



4280500666



4290299122



4280531612



4283915898



4294638330



4286216826

Same Dimension

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



4280500666



4278662898



4283442106



4283651164



4278198172



4278191644

Inverse Universe

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



4290388801



4294051638



4287478307



4284240724



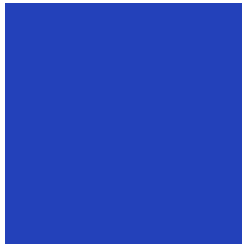
4288413727



4280025094

Previews

White Background



This preview shows how the Android color 4280500666 looks on a white background.

Color Contrast Check

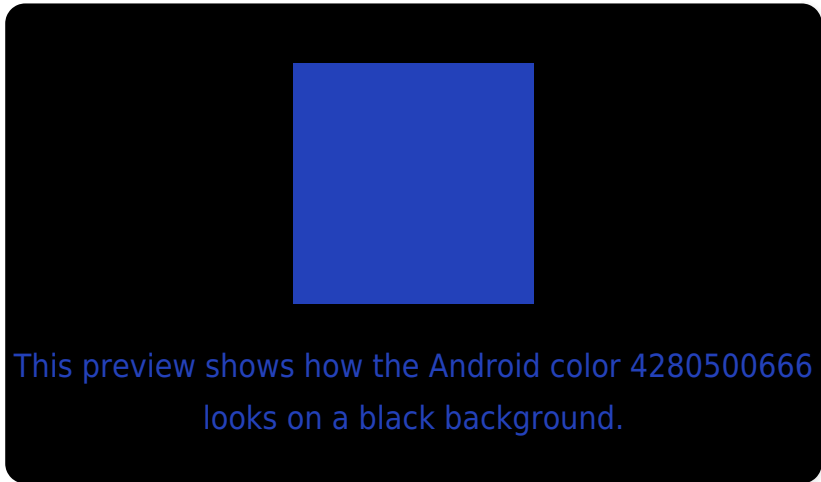
Large Text (above 18pt) WCAG AA ✓ Pass

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

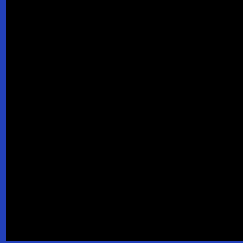
Any Text WCAG AA × Fail

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 4280500666 Background



This preview shows how black text looks on a background with the Android color 4280500666.



This preview shows how white text looks on a background with the Android color 4280500666.

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

4280500666

Protanopia

4278209439

Deuteranopia

4278210696

Trichromacy



Original Color
4280500666

Protanomaly
4279060393

Deuteranomaly
4279061402

Tritanomaly
4279062398

Monochromacy



Original Color
4280500666

Achromatopsia
4282795590

Achromatomaly
4281943152

CSS Examples

Text

The CSS property to change the color of the text to Android 4280500666 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(35, 65, 186)` looks like.

```
.text, #text, p{  
    color:rgb(35, 65, 186)  
}
```

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(35, 65, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 65, 186) }
```

Border

The CSS property to change the border of an element to Android 4280500666 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(35, 65, 186) }
```

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

```
.border{ border-color:rgb(35, 65, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 65, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 65, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 65, 186);  
box-shadow:4px 4px 4px 4px rgb(35, 65,  
186) }
```

Background

The CSS property to change the background color of an element to Android 4280500666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 65, 186) }
```

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

```
.background{ background-color: rgb(35, 65,  
186) }
```

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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