

Converting Colors

Android(4280166500)

Have a look what the booklet for
Android(4280166500) contains.

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Color

Android(4280166500)

Conversions

Conversions Part 1

Format	Color
Hex	1E2864
RGB	30, 40, 100
RGB Percent	12%, 16%, 39%
CMY	0.8824, 0.8431, 0.6078
CMYK	0.70, 0.60, 0.00, 0.61
HSL	231°, 54%, 25%
HSV	231°, 70%, 39%
XYZ	3.5945, 2.7137, 12.3909
YIQ	43.8500, -25.2200, 16.5400

Conversions

Conversions Part 2

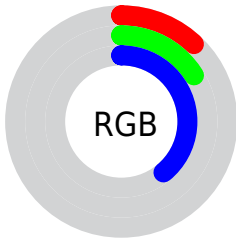
Format	Color
R_{YB}	30, 39, 100
Decimal	1976420
CIE _{Lab}	18.86, 17.58, -36.82
CIE _{LCh}	19, 40.798, 295.519
Yxy	2.7137, 0.1922, 0.1451
Android (android.graphics.Color)	4280166500 (0xFF1E2864)
YUV	43.8500, 27.6820, -12.1464
Hunter-Lab	16.4733, 10.1202, -33.0656




Details

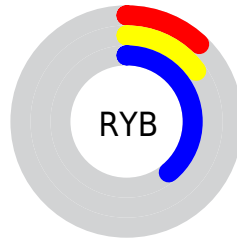
The Android color **4280166500** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284766750**, and the grayscale version is **4281084972**.




A 20% lighter version of the original color is **4283651480**, and **4278190133** is the 20% darker color. If you saturate the color by 10%, you get **4279508836**, and if you desaturate by 10%, it is **4280824164**.

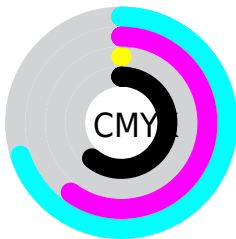
Distribution







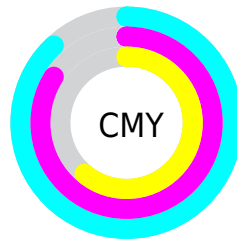
-  Red (12%)
-  Green (16%)
-  Blue (39%)






-  Red (12%)
-  Yellow (15%)
-  Blue (39%)



-  Cyan (70%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (88%)
-  Magenta (84%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280166500 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 4280166500 by changing the saturation by 10% instead.

■ 4280166500

■ 4280166500

4294967295

■ 4278195276

■ 4283651480

■ 4278190133

■ 4285427122

■ 4278190622

■ 4287137486

■ 4278190081

■ 4288979435

■ 4278190080

■ 4290821119

■ 4292663295

■ 4294571263

■ 4280166500

■ 4280166500

■ 4279508836

■ 4280824164

■ 4278851428

■ 4281481572

■ 4278193764

■ 4282139236

■ 4282796644

■ 4283454308

■ 4284111716

■ 4284769380

■ 4285427044

■ 4286084452

Harmonies

Analogous

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



4278203242



4280166500



4283176784

Triad

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



4280166500



4283636992



4278204968

Complementary

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



4280166500



4284766750

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.



4278204423



4280166500



4282198784

Square

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



4280166500



4284418583



4280431360



4278204999

Rectangle

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



4280166500



4284090429



4280431360



4278204702

Sweetspot

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



4280166500



4284967810



4280181850



4281480258



4290953922



4282532418

Same Dimension

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



4280166500



4279575682



4281736804



4281216819



4278194291



4278199282

Inverse Universe

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



4284751400



4286715172



4283196446



4281544239



4285726736



4294049827

Previews

White Background



This preview shows how the Android color 4280166500 looks on a white background.

Color Contrast Check

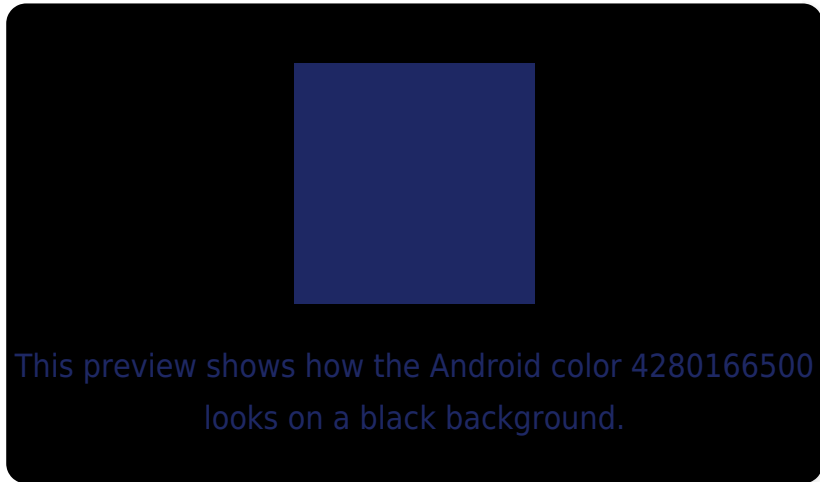
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280166500 Background



This preview shows how black text looks on a background with the Android color 4280166500.



This preview shows how white text looks on a background with the Android color 4280166500.

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

4280166500

Protanopia

4278201438

Deuteranopia

4278202193

Trichromacy



Original Color
4280166500

Protanomaly
4278922080

Deuteranomaly
4278922328

Tritanomaly
4278923079

Monochromacy



Original Color
4280166500

Achromatopsia
4281084972

Achromatomaly
4280757056

CSS Examples

Text

The CSS property to change the color of the text to Android 4280166500 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(30, 40, 100)` looks like.

```
.text, #text, p{  
    color:rgb(30, 40, 100)  
}
```

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(30, 40, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 40, 100) }
```

Border

The CSS property to change the border of an element to Android 4280166500 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(30, 40, 100) }
```

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

```
.border{ border-color:rgb(30, 40, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 40, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 40, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 40, 100);  
box-shadow:4px 4px 4px 4px rgb(30, 40,  
100) }
```

Background

The CSS property to change the background color of an element to Android 4280166500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 40, 100) }
```

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

```
.background{ background-color: rgb(30, 40,  
100) }
```

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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