

Converting Colors

Android(4280368501)

Have a look what the booklet for
Android(4280368501) contains.

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Color

Android(4280368501)

Conversions

Conversions Part 1

Format	Color
Hex	213D75
RGB	33, 61, 117
RGB Percent	13%, 24%, 46%
CMY	0.8706, 0.7608, 0.5412
CMYK	0.72, 0.48, 0.00, 0.54
HSL	220°, 56%, 29%
HSV	220°, 72%, 46%
XYZ	5.5068, 4.9452, 17.4939
YIQ	59.0120, -34.6640, 11.4800

Conversions

Conversions Part 2

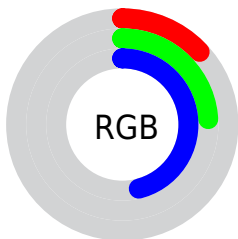
Format	Color
R_{YB}	33, 54, 117
Decimal	2178421
CIE Lab	26.58, 9.95, -35.32
CIE LCh	27, 36.692, 285.733
Yxy	4.9452, 0.1971, 0.1770
Android (android.graphics.Color)	4280368501 (0xFF213D75)
YUV	59.0120, 28.5881, -22.8125
Hunter-Lab	22.2377, 5.2867, -31.0756




Details

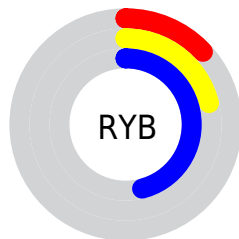
The Android color **4280368501** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285880609**, and the grayscale version is **4282071867**.




A 20% lighter version of the original color is **4283985066**, and **4278195268** is the 20% darker color. If you saturate the color by 10%, you get **4279580021**, and if you desaturate by 10%, it is **4281156981**.

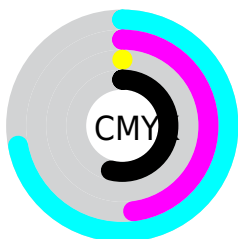
Distribution







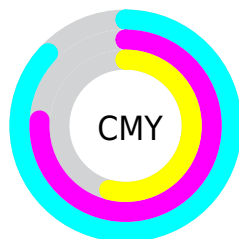
-  Red (13%)
-  Green (24%)
-  Blue (46%)






-  Red (13%)
-  Yellow (21%)
-  Blue (46%)



-  Cyan (72%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (87%)
-  Magenta (76%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280368501 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 4280368501 by changing the saturation by 10% instead.

■ 4280368501

■ 4280368501

4294967295

■ 4278200412

■ 4283985066

■ 4278195268

■ 4285760965

■ 4278190893

■ 4287537121

■ 4278190360

■ 4289379070

■ 4278190080

■ 4291221247

■ 4293128959

■ 4280368501

■ 4280368501

■ 4279580021

■ 4281156981

■ 4278857077

■ 4281879925

■ 4278200181

■ 4282668149

■ 4283456629

■ 4284245109

■ 4284968053

■ 4285756533

■ 4286544757

■ 4287267701

Harmonies

Analogous

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



4278208117



4280368501



4283642214

Triad

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



4280368501



4285082904



4278209328

Complementary

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



4280368501



4285880609

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.



4280109077



4280368501



4283906306

Square

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



4280368501



4285604657



4282335744



4278209613

Rectangle

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



4280368501



4284754006



4282335744



4278209063

Sweetspot

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



4280368501



4286022553



4280382809



4281941837



4291611852



4283256141

Same Dimension

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



4280368501



4279583129



4281278837



4281677627



4278200698



4278211578

Inverse Universe

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



4285866301



4288222529



4284970273



4282070327



4286185513



4294574163

Previews

White Background



This preview shows how the Android color 4280368501 looks on a white background.

Color Contrast Check

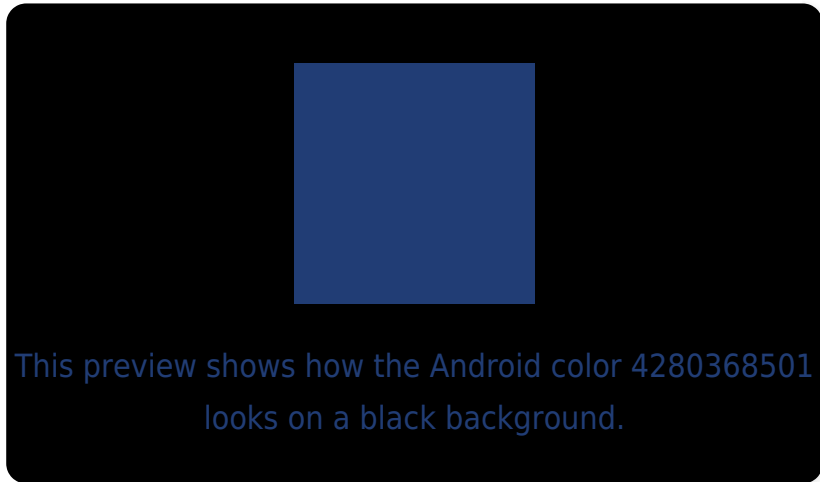
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280368501 Background



This preview shows how black text looks on a background with the Android color 4280368501.



This preview shows how white text looks on a background with the Android color 4280368501.

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

4280368501

Protanopia

4280368501

Deuteranopia

4278206577

Trichromacy



Original Color

4280368501

Protanomaly

4280368501

Deuteranomaly

4278992754

Tritanomaly

4278993754

Monochromacy



Original Color

4280368501

Achromatopsia

4282071867

Achromatomaly

4281482320

CSS Examples

Text

The CSS property to change the color of the text to Android 4280368501 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, 61, 117)` looks like.

```
.text, #text, p{  
    color:rgb(33, 61, 117)  
}
```

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, 61, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 61, 117) }
```

Border

The CSS property to change the border of an element to Android 4280368501 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, 61, 117) }
```

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

```
.border{ border-color:rgb(33, 61, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 61, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 61, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 61, 117);  
box-shadow:4px 4px 4px 4px rgb(33, 61,  
117) }
```

Background

The CSS property to change the background color of an element to Android 4280368501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 61, 117) }
```

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

```
.background{ background-color: rgb(33, 61,  
117) }
```

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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