

Converting Colors

Android(4280370032)

Have a look what the booklet for
Android(4280370032) contains.

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Color

Android(4280370032)

Conversions

Conversions Part 1

Format	Color
Hex	214370
RGB	33, 67, 112
RGB Percent	13%, 26%, 44%
CMY	0.8706, 0.7373, 0.5608
CMYK	0.71, 0.40, 0.00, 0.56
HSL	214°, 54%, 28%
HSV	214°, 71%, 44%
XYZ	5.5590, 5.5075, 16.0993
YIQ	61.9640, -34.7090, 6.7870

Conversions

Conversions Part 2

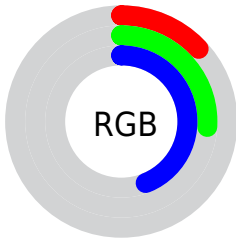
Format	Color
R_{YB}	33, 57, 112
Decimal	2179952
CIE Lab	28.13, 3.85, -29.66
CIE LCh	28, 29.913, 277.394
Yxy	5.5075, 0.2046, 0.2027
Android (android.graphics.Color)	4280370032 (0xFF214370)
YUV	61.9640, 24.6677, -25.4014
Hunter-Lab	23.4681, 1.2130, -24.2458




Details

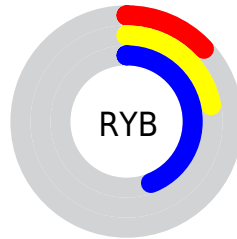
The Android color `4280370032` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285550113`, and the grayscale version is `4282269246`.




A 20% lighter version of the original color is `4283921316`, and `4278196544` is the 20% darker color. If you saturate the color by 10%, you get `4279647600`, and if you desaturate by 10%, it is `4281092464`.

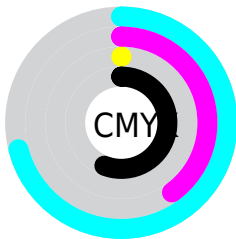
Distribution







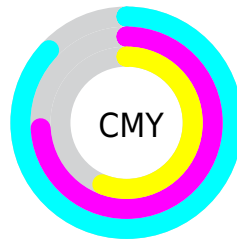
-  Red (13%)
-  Green (26%)
-  Blue (44%)






-  Red (13%)
-  Yellow (22%)
-  Blue (44%)



-  Cyan (71%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280370032 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 4280370032 by changing the saturation by 10% instead.



4280370032



4280370032

4294967295



4278201687



4283921316



4278196544



4285697215



4278190890



4287473371



4278190356



4289249784



4278190080



4291091967



4292999935

4294901759



4280370032



4280370032

■ 4279647600

■ 4281092464

■ 4278924912

■ 4281815152

■ 4278202480

■ 4282603120

■ 4283325808

■ 4284048240

■ 4284770672

■ 4285493360

■ 4286281328

■ 4287003760

Harmonies

Analogous

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



4278208877



4280370032



4283120231

Triad

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



4280370032



4285149736



4278864944

Complementary

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



4280370032



4285550113

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.



4281420060



4280370032



4284300055

Square

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



4280370032



4285345342



4283056914



4278210120

Rectangle

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



4280370032



4284298331



4283056914



4280044585

Sweetspot

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



4280370032



4285759633



4280381518



4281810762



4291414473



4283058762

Same Dimension

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



4280370032



4279651217



4280689008



4281480504



4278203512



4278217463

Inverse Universe

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



4285538627



4287698507



4285231137



4281872949



4286054452



4294377578

Previews

White Background



This preview shows how the Android color 4280370032 looks on a white background.

Color Contrast Check

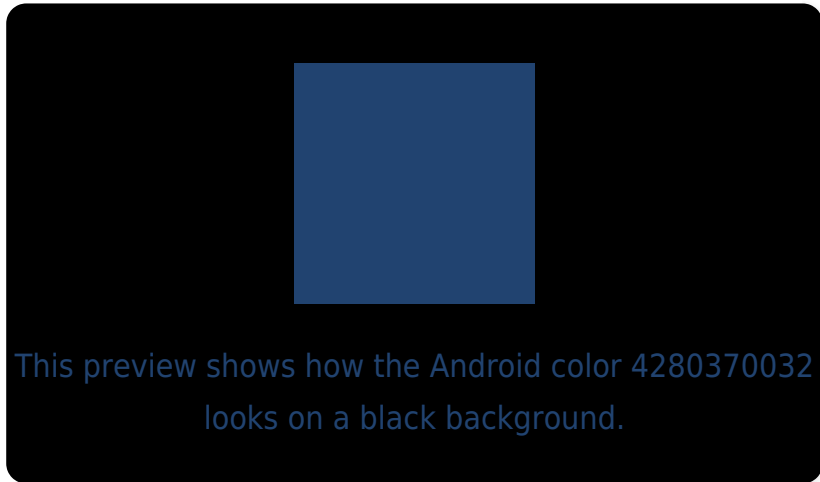
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280370032 Background



This preview shows how black text looks on a background with the Android color 4280370032.



This preview shows how white text looks on a background with the Android color 4280370032.

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

4280370032

Protanopia

4281352558

Deuteranopia

4280435568

Trichromacy



Original Color
4280370032

Protanomaly
4281025135

Deuteranomaly
4280435568

Tritanomaly
4278994780

Monochromacy



Original Color
4280370032

Achromatopsia
4282269246

Achromatomaly
4281548880

CSS Examples

Text

The CSS property to change the color of the text to Android 4280370032 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, 67, 112)` looks like.

```
.text, #text, p{  
    color:rgb(33, 67, 112)  
}
```

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, 67, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 67, 112) }
```

Border

The CSS property to change the border of an element to Android 4280370032 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, 67, 112) }
```

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

```
.border{ border-color:rgb(33, 67, 112) }
```

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

Here you see how a box with a 4 pixel rgb(33, 67, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 67, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 67, 112);  
box-shadow:4px 4px 4px 4px rgb(33, 67,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4280370032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 67, 112) }
```

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

```
.background{ background-color: rgb(33, 67,  
112) }
```

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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