

Converting Colors

Android(4280633997)

Have a look what the booklet for
Android(4280633997) contains.

Android(4280633997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280633997)

Conversions

Conversions Part 1

Format	Color
Hex	254A8D
RGB	37, 74, 141
RGB Percent	15%, 29%, 55%
CMY	0.8549, 0.7098, 0.4471
CMYK	0.74, 0.48, 0.00, 0.45
HSL	219°, 58%, 35%
HSV	219°, 74%, 55%
XYZ	8.0194, 7.2140, 26.1691
YIQ	70.5750, -43.5590, 12.9930

Conversions

Conversions Part 2

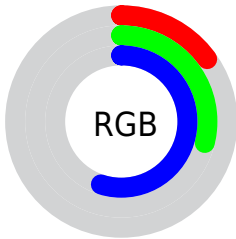
Format	Color
R_{YB}	37, 64, 141
Decimal	2443917
CIE _{Lab}	32.29, 11.16, -41.09
CIE _{LCh}	32, 42.579, 285.191
Yxy	7.2140, 0.1937, 0.1742
Android (android.graphics.Color)	4280633997 (0xFF254A8D)
YUV	70.5750, 34.7195, -29.4453
Hunter-Lab	26.8588, 6.2932, -38.9662

Details

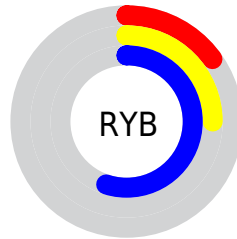
The Android color `4280633997` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287457317`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284512963`, and `4278198106` is the 20% darker color. If you saturate the color by 10%, you get `4279714189`, and if you desaturate by 10%, it is `4281553805`.

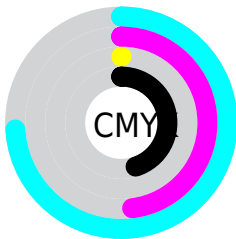
Distribution



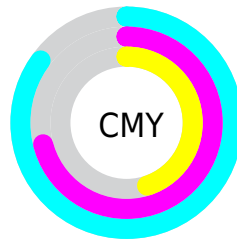
- Red (15%)
- Green (29%)
- Blue (55%)



- Red (15%)
- Yellow (25%)
- Blue (55%)



- Cyan (74%)
- Magenta (48%)
- Yellow (0%)
- Black (45%)



- Cyan (85%)
- Magenta (71%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280633997 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 4280633997 by changing the saturation by 10% instead.



4280633997



4280633997

4294967295



4278203507



4284512963



4278198106



4286354655



4278191682



4288196348



4278190891



4290038527



4278190358



4291946239



4278190080



4293853183



4280633997



4280633997



4279714189



4281553805

■ 4278794381

■ 4282473613

■ 4278203021

■ 4283393421

■ 4284313229

■ 4285298573

■ 4286218637

■ 4287138445

■ 4288058253

■ 4288978061

Harmonies

Analogous

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



4278211725



4280633997



4284693372

Triad

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



4280633997



4286527005



4278213178

Complementary

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



4280633997



4287457317

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.



4280571672



4280633997



4285154306

Square

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



4280633997



4287113788



4283191296



4278213469

Rectangle

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



4280633997



4286067049



4283191296



4278212910

Sweetspot

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



4280633997



4287602360



4280651111



4282666076



4292598747



4284243036

Same Dimension

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



4280633997



4279520952



4281542029



4282401607



4278202503



4278190856

Inverse Universe

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



4287440202



4290253902



4286549285



4282859587



4287037488



4278714371

Previews

White Background



This preview shows how the Android color 4280633997 looks on a white background.

Color Contrast Check

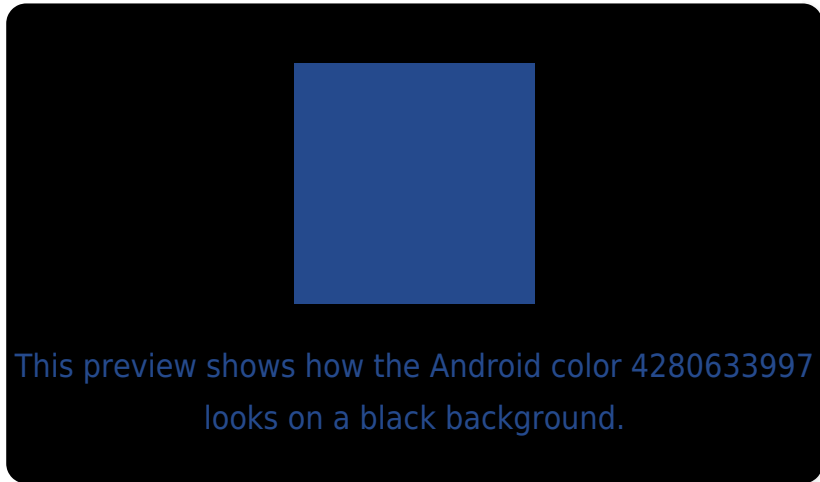
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280633997 Background



This preview shows how black text looks on a background with the Android color 4280633997.



This preview shows how white text looks on a background with the Android color 4280633997.

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

4280633997

Protanopia

4280896141

Deuteranopia

4278209928

Trichromacy



Original Color
4280633997

Protanomaly
4280830605

Deuteranomaly
4279061642

Tritanomaly
4279062637

Monochromacy



Original Color
4280633997

Achromatopsia
4282861383

Achromatomaly
4282075232

CSS Examples

Text

The CSS property to change the color of the text to Android 4280633997 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(37, 74, 141)` looks like.

```
.text, #text, p{  
    color:rgb(37, 74, 141)  
}
```

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(37, 74, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 74, 141) }
```

Border

The CSS property to change the border of an element to Android 4280633997 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(37, 74, 141) }
```

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

```
.border{ border-color:rgb(37, 74, 141) }
```

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

Here you see how a box with a 4 pixel rgb(37, 74, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 74, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 74, 141);  
box-shadow:4px 4px 4px 4px rgb(37, 74,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4280633997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 74, 141) }
```

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

```
.background{ background-color: rgb(37, 74,  
141) }
```

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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