

Converting Colors

Android(4280633460)

Have a look what the booklet for
Android(4280633460) contains.

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Color

Android(4280633460)

Conversions

Conversions Part 1

Format	Color
Hex	254874
RGB	37, 72, 116
RGB Percent	15%, 28%, 45%
CMY	0.8549, 0.7176, 0.5451
CMYK	0.68, 0.38, 0.00, 0.55
HSL	213°, 52%, 30%
HSV	213°, 68%, 45%
XYZ	6.2327, 6.2890, 17.4084
YIQ	66.5510, -34.9840, 6.2640

Conversions

Conversions Part 2

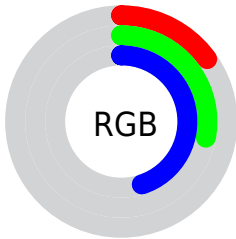
Format	Color
R_{YB}	37, 61, 116
Decimal	2443380
CIE _{Lab}	30.13, 2.79, -29.02
CIE _{LCh}	30, 29.149, 275.493
Yxy	6.2890, 0.2082, 0.2101
Android (android.graphics.Color)	4280633460 (0xFF254874)
YUV	66.5510, 24.3784, -25.9162
Hunter-Lab	25.0779, 0.4770, -23.6030




Details

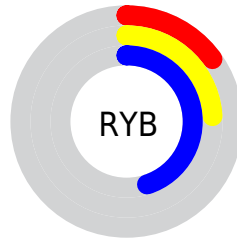
The Android color `4280633460` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285813029`, and the grayscale version is `4282532418`.




A 20% lighter version of the original color is `4284184744`, and `4278197571` is the 20% darker color. If you saturate the color by 10%, you get `4279845492`, and if you desaturate by 10%, it is `4281421428`.

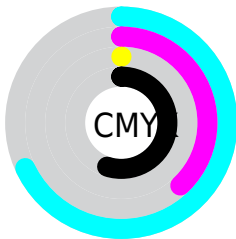
Distribution







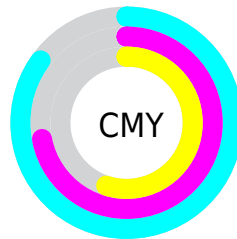
-  Red (15%)
-  Green (28%)
-  Blue (45%)






-  Red (15%)
-  Yellow (24%)
-  Blue (45%)



-  Cyan (68%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (85%)
-  Magenta (72%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280633460 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 4280633460 by changing the saturation by 10% instead.

■ 4280633460

■ 4280633460

4294967295

■ 4278202971

■ 4284184744

■ 4278197571

■ 4285895364

■ 4278190637

■ 4287671520

■ 4278190360

■ 4289513724

■ 4278190080

■ 4291355903

■ 4293263359

■ 4280633460

■ 4280633460

■ 4279845492

■ 4281421428

■ 4279122804

■ 4282144116

■ 4278334836

■ 4282932084

■ 4278203252

■ 4283654772

■ 4284442740

■ 4285230964

■ 4285953396

■ 4286741620

■ 4287464052

Harmonies

Analogous

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



4278210160



4280633460



4283318124

Triad

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



4280633460



4285478702



4279718195

Complementary

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



4280633460



4285813029

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.



4281879840



4280633460



4284694301

Square

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



4280633460



4285608772



4283451160



4278211147

Rectangle

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



4280633460



4284496225



4283451160



4280569900

Sweetspot

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



4280633460



4286088854



4280644688



4282008141



4291611852



4283256141

Same Dimension

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



4280633460



4279980694



4280886644



4281677627



4278204026



4278218746

Inverse Universe

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



4285801800



4288027474



4285559845



4282070327



4286185526



4294574191

Previews

White Background



This preview shows how the Android color 4280633460 looks on a white background.

Color Contrast Check

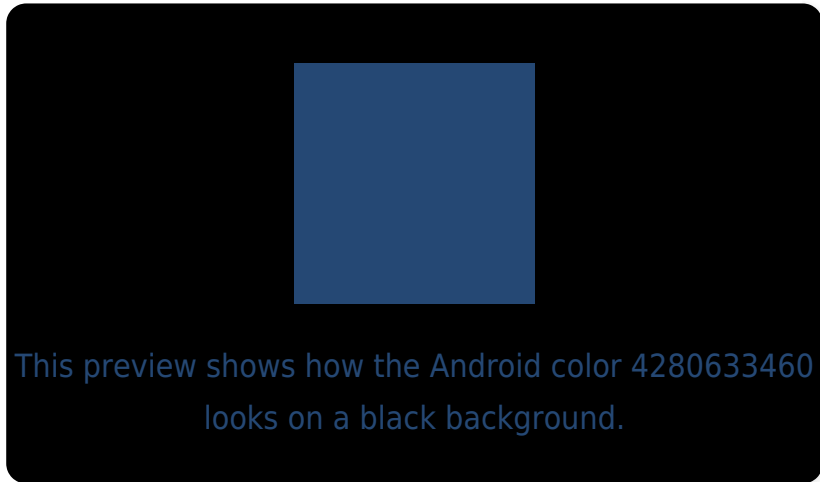
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280633460 Background



This preview shows how black text looks on a background with the Android color 4280633460.



This preview shows how white text looks on a background with the Android color 4280633460.

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
4280633460

Protanopia
4281746802

Deuteranopia
4280960884

Trichromacy



Original Color
4280633460

Protanomaly
4281353843

Deuteranomaly
4280829812

Tritanomaly
4279651424

Monochromacy



Original Color
4280633460

Achromatopsia
4282598211

Achromatomaly
4281877845

CSS Examples

Text

The CSS property to change the color of the text to Android 4280633460 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, 72, 116)` looks like.

```
.text, #text, p{  
    color:rgb(37, 72, 116)  
}
```

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, 72, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 72, 116) }
```

Border

The CSS property to change the border of an element to Android 4280633460 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, 72, 116) }
```

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

```
.border{ border-color:rgb(37, 72, 116) }
```

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

Here you see how a box with a 4 pixel rgb(37, 72, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 72, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 72, 116);  
box-shadow:4px 4px 4px 4px rgb(37, 72,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4280633460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 72, 116) }
```

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

```
.background{ background-color: rgb(37, 72,  
116) }
```

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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