

Converting Colors

Android(4280436066)

Have a look what the booklet for
Android(4280436066) contains.

Android(4280436066)	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(4280436066)

Conversions

Conversions Part 1

Format	Color
Hex	224562
RGB	34, 69, 98
RGB Percent	13%, 27%, 38%
CMY	0.8667, 0.7294, 0.6157
CMYK	0.65, 0.30, 0.00, 0.62
HSL	207°, 48%, 26%
HSV	207°, 65%, 38%
XYZ	4.9924, 5.4782, 12.3495
YIQ	61.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

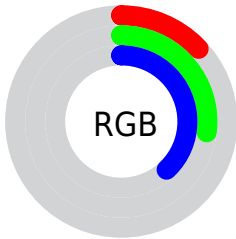
Format	Color
RYB	34, 57, 98
Decimal	2245986
CIELab	28.06, -2.64, -20.85
CIELCh	28, 21.020, 262.776
Yxy	5.4782, 0.2188, 0.2401
Android (android.graphics.Color)	4280436066 (0xFF224562)
YUV	61.8410, 17.8264, -24.4166
Hunter-Lab	23.4055, -2.8854, -14.8996




Details

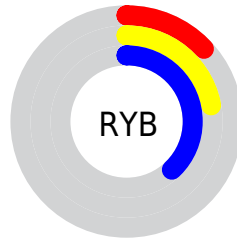
The Android color `4280436066` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4284628770`, and the grayscale version is `4282269246`.




A 20% lighter version of the original color is `4283790741`, and `4278196787` is the 20% darker color. If you saturate the color by 10%, you get `4279779682`, and if you desaturate by 10%, it is `4281092450`.

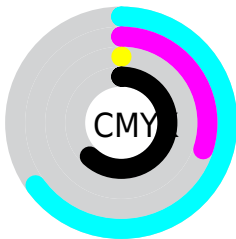
Distribution







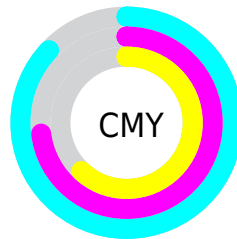
-  Red (13%)
-  Green (27%)
-  Blue (38%)






-  Red (13%)
-  Yellow (22%)
-  Blue (38%)



-  Cyan (65%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (87%)
-  Magenta (73%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280436066 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 4280436066 by changing the saturation by 10% instead.



4280436066



4280436066

4294967295



4278333258



4283790741



4278196787



4285501360



4278190622



4287277515



4278190081



4289053927



4278190080



4290830591



4292738559



4294639615



4280436066



4280436066

■ 4279779682

■ 4281092450

■ 4279123042

■ 4281749090

■ 4278532194

■ 4282339938

■ 4278204002

■ 4282996578

■ 4283652962

■ 4284309602

■ 4284965986

■ 4285557090

■ 4286213474

Harmonies

Analogous

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



4278208859



4280436066



4282269536

Triad

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



4280436066



4284560951



4281157934

Complementary

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



4280436066



4284628770

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.



4282402084



4280436066



4284234281

Square

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



4280436066



4284429895



4283449378



4279650878

Rectangle

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



4280436066



4283251546



4283449378



4281616426

Sweetspot

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



4280436066



4284904576



4280443455



4281350464



4290756543



4282400832

Same Dimension

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



4280436066



4280046208



4280427874



4281085488



4278205808



4278223856

Inverse Universe

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



4284621381



4286585938



4284636962



4281347118



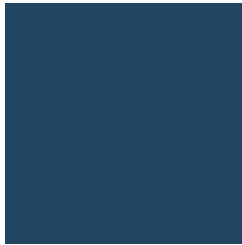
4285530173



4293918851

Previews

White Background



This preview shows how the Android color 4280436066 looks on a white background.

Color Contrast Check

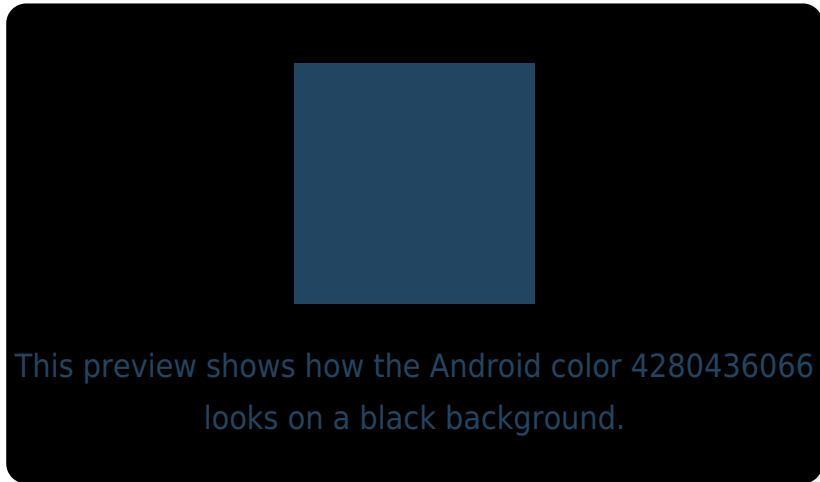
Large Text (above 18pt) WCAG AA ✓ Pass

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

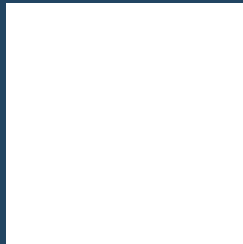
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280436066 Background



This preview shows how black text looks on a background with the Android color 4280436066.



This preview shows how white text looks on a background with the Android color 4280436066.

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

4280436066

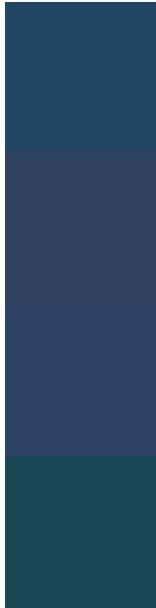
Protanopia

4281942367

Deuteranopia

4281549411

Trichromacy



Original Color

4280436066

Protanomaly

4281418336

Deuteranomaly

4281156451

Tritanomaly

4279978070

Monochromacy



Original Color

4280436066

Achromatopsia

4282269246

Achromatomaly

4281614667

CSS Examples

Text

The CSS property to change the color of the text to Android 4280436066 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(34, 69, 98)` looks like.

```
.text, #text, p{  
    color:rgb(34, 69, 98)  
}
```

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(34, 69, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 69, 98) }
```

Border

The CSS property to change the border of an element to Android 4280436066 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(34, 69, 98) }
```

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

```
.border{ border-color:rgb(34, 69, 98) }
```

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

Here you see how a box with a 4 pixel rgb(34, 69, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 69, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 69, 98);  
box-shadow:4px 4px 4px 4px rgb(34, 69, 98)  
}
```

Background

The CSS property to change the background color of an element to Android 4280436066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 69, 98) }
```

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

```
.background{ background-color: rgb(34, 69,  
98) }
```

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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