

Converting Colors

Android(4280438877)

Have a look what the booklet for
Android(4280438877) contains.

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Color

Android(4280438877)

Conversions

Conversions Part 1

Format	Color
Hex	22505D
RGB	34, 80, 93
RGB Percent	13%, 31%, 36%
CMY	0.8667, 0.6863, 0.6353
CMYK	0.63, 0.14, 0.00, 0.64
HSL	193°, 46%, 25%
HSV	193°, 63%, 36%
XYZ	5.5041, 6.8677, 11.3914
YIQ	67.7280, -31.5890, -5.7090

Conversions

Conversions Part 2

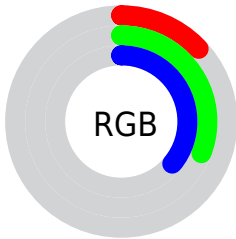
Format	Color
R_{YB}	34, 60, 93
Decimal	2248797
CIE _{Lab}	31.50, -11.31, -12.34
CIE _{LCh}	32, 16.740, 227.475
Yxy	6.8677, 0.2316, 0.2890
Android (android.graphics.Color)	4280438877 (0xFF22505D)
YUV	67.7280, 12.4591, -29.5795
Hunter-Lab	26.2063, -8.3706, -7.4279

Details

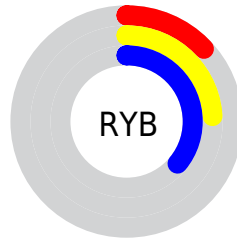
The Android color `4280438877` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284296994`, and the grayscale version is `4282664004`.

A 20% lighter version of the original color is `4283793807`, and `4278199087` is the 20% darker color. If you saturate the color by 10%, you get `4279848541`, and if you desaturate by 10%, it is `4281029213`.

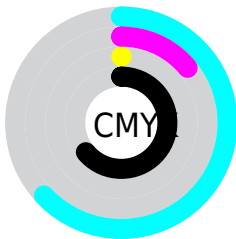
Distribution



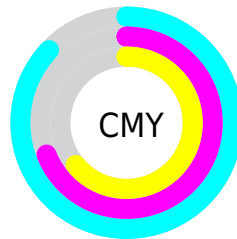
- Red (13%)
- Green (31%)
- Blue (36%)



- Red (13%)
- Yellow (24%)
- Blue (36%)



- Cyan (63%)
- Magenta (14%)
- Yellow (0%)
- Black (64%)



- Cyan (87%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280438877 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 4280438877 by changing the saturation by 10% instead.



4280438877



4280438877

4294967295



4278401349



4283793807



4278199087



4285504426



4278193179



4287215301



4278190080



4289057505



4290834174



4292739071



4294639615



4280438877



4280438877

■ 4279848541

■ 4281029213

■ 4279192669

■ 4281685085

■ 4278602333

■ 4282275421

■ 4278208861

■ 4282865757

■ 4283521629

■ 4284111965

■ 4284702301

■ 4285292637

■ 4285948509

Harmonies

Analogous

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



4280439122



4280438877



4281421155

Triad

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



4280438877



4284563792



4283124785

Complementary

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



4280438877



4284296994

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.



4283975473



4280438877



4284760387

Square

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



4280438877



4283778140



4284564279



4282208056

Rectangle

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



4280438877



4282272356



4284564279



4283451952

Sweetspot

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



4280438877



4284576632



4280442159



4281285181



4290624957



4282203453

Same Dimension

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



4280438877



4280116344



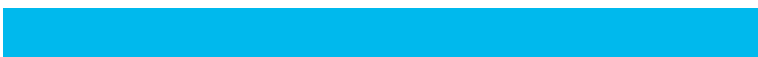
4280431453



4280888622



4278211950



4278237677

Inverse Universe

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



4284293712



4286061924



4284304418



4281215277



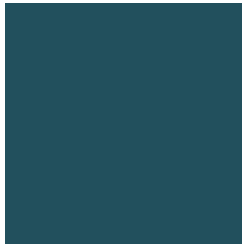
4285399125



4293722297

Previews

White Background



This preview shows how the Android color 4280438877 looks on a white background.

Color Contrast Check

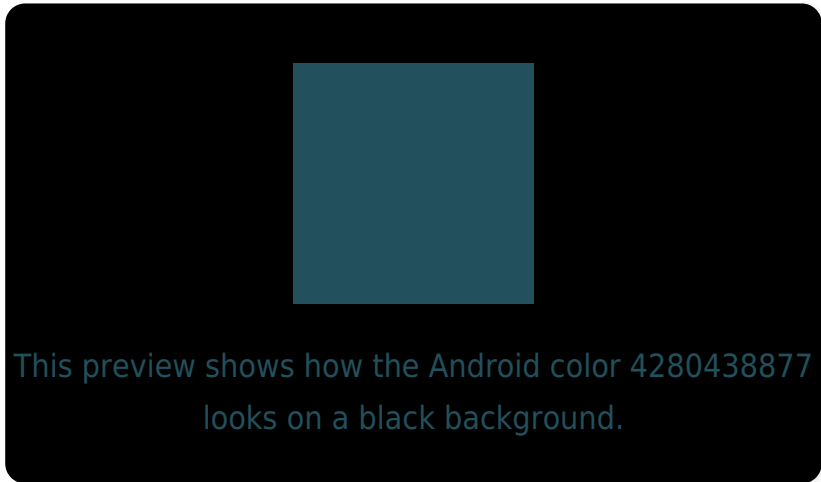
Large Text (above 18pt) WCAG AA ✓ Pass

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

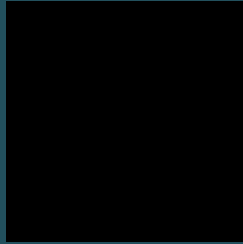
Any Text WCAG AA × Fail

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 4280438877 Background



This preview shows how black text looks on a background with the Android color 4280438877.



This preview shows how white text looks on a background with the Android color 4280438877.

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

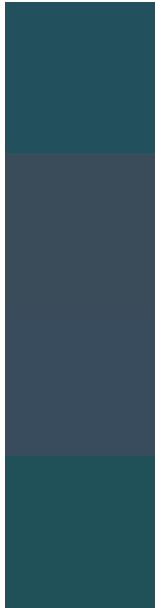


Original Color
4280438877

Protanopia
4282861912

Deuteranopia
4282796383

Trichromacy



Original Color
4280438877

Protanomaly
4282010714

Deuteranomaly
4281945182

Tritanomaly
4280308057

Monochromacy



Original Color
4280438877

Achromatopsia
4282664004

Achromatomaly
4281878605

CSS Examples

Text

The CSS property to change the color of the text to Android 4280438877 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, 80, 93)` looks like.

```
.text, #text, p{  
    color:rgb(34, 80, 93)  
}
```

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, 80, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 80, 93) }
```

Border

The CSS property to change the border of an element to Android 4280438877 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, 80, 93) }
```

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

```
.border{ border-color:rgb(34, 80, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 80, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 80, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 80, 93);  
box-shadow:4px 4px 4px 4px rgb(34, 80, 93)  
}
```

Background

The CSS property to change the background color of an element to Android 4280438877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 80, 93) }
```

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

```
.background{ background-color: rgb(34, 80,  
93) }
```

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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