

Converting Colors

Android(4280573020)

Have a look what the booklet for
Android(4280573020) contains.

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Color

Android(4280573020)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 245C5C |
| RGB | 36, 92, 92 |
| RGB Percent | 14%, 36%, 36% |
| CMY | 0.8588, 0.6392, 0.6392 |
| CMYK | 0.61, 0.00, 0.00, 0.64 |
| HSL | 180°, 44%, 25% |
| HSV | 180°, 61%, 36% |
| XYZ | 6.4865, 8.8021, 11.4823 |
| YIQ | 75.2560, -33.3760, -11.8720 |

Conversions

Conversions Part 2

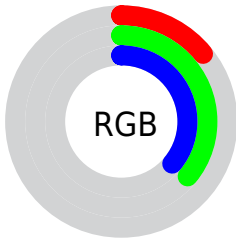
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 36, 64, 92 |
| Decimal | 2382940 |
| CIE Lab | 35.60, -18.09, -5.52 |
| CIE LCh | 36, 18.913, 196.982 |
| Yxy | 8.8021, 0.2423, 0.3288 |
| Android (android.graphics.Color) | 4280573020 (0xFF245C5C) |
| YUV | 75.2560, 8.2548, -34.4275 |
| Hunter-Lab | 29.6683, -12.8935, -2.1788 |

Details

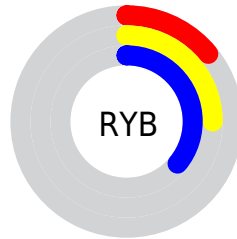
The Android color `4280573020` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284228644`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4283993742`, and `4278201902` is the 20% darker color. If you saturate the color by 10%, you get `4279983196`, and if you desaturate by 10%, it is `4281162844`.

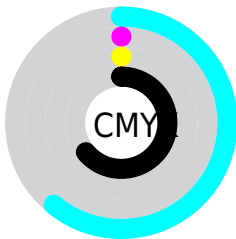
Distribution



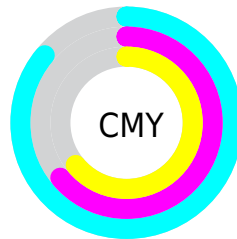
- Red (14%)
- Green (36%)
- Blue (36%)



- Red (14%)
- Yellow (25%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280573020 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 4280573020 by changing the saturation by 10% instead.



4280573020



4280573020

4294967295



4278469701



4283993742



4278201902



4285704617



4278196762



4287481028



4278190080



4289257696



4291100156



4292935679



4294836223



4280573020



4280573020

■ 4279983196

■ 4281162844

■ 4279393372

■ 4281752668

■ 4278738012

■ 4282408028

■ 4278213724

■ 4282997852

■ 4283587676

■ 4284177500

■ 4284767324

■ 4285422684

■ 4286012508

Harmonies

Analogous

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



4281556044



4280573020



4280572777

Triad

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



4280573020



4284501352



4284764470

Complementary

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



4280573020



4284228644

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.



4285418558



4280573020



4285352283

Square

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



4280573020



4283257456



4285679948



4283782711

Rectangle

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



4280573020



4281292911



4285679948



4285026104

Sweetspot

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



4280573020



4284643448



4280572964



4281351485



4290624957



4282203453

Same Dimension

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



4280573020



4280318072



4280565852



4280888878



4278218350



4278250989

Inverse Universe

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



4284228700



4286062712



4284235812



4281215278



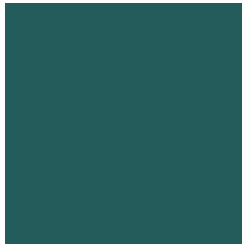
4285399150



4293722349

Previews

White Background



This preview shows how the Android color 4280573020 looks on a white background.

Color Contrast Check

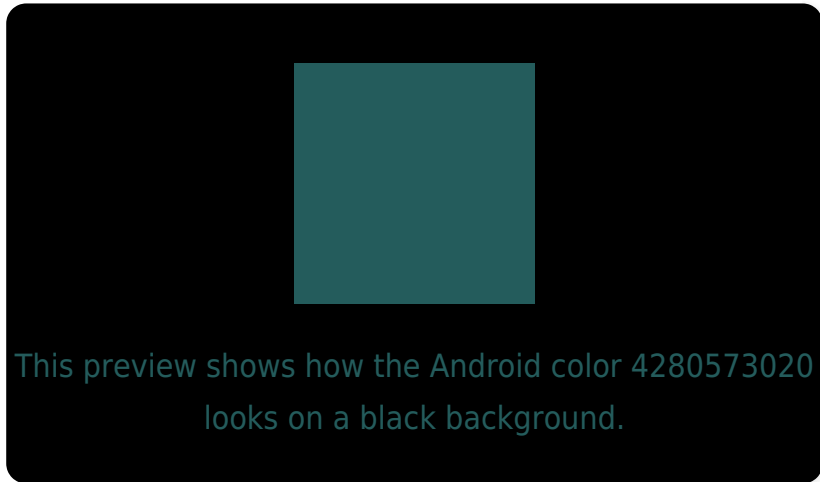
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280573020 Background



This preview shows how black text looks on a background with the Android color 4280573020.



This preview shows how white text looks on a background with the Android color 4280573020.

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

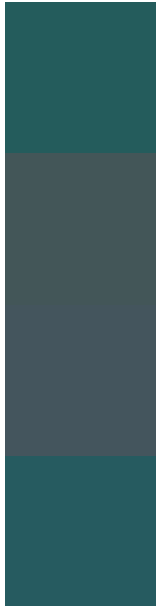


Original Color
4280573020

Protanopia
4283716438

Deuteranopia
4283847006

Trichromacy



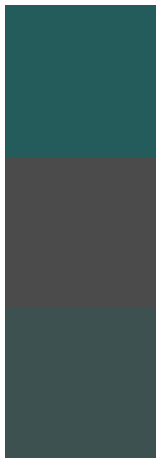
Original Color
4280573020

Protanomaly
4282603096

Deuteranomaly
4282668381

Tritanomaly
4280703840

Monochromacy



Original Color
4280573020

Achromatopsia
4283124555

Achromatomaly
4282208593

CSS Examples

Text

The CSS property to change the color of the text to Android 4280573020 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(36, 92, 92)` looks like.

```
.text, #text, p{  
    color:rgb(36, 92, 92)  
}
```

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(36, 92, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 92, 92) }
```

Border

The CSS property to change the border of an element to Android 4280573020 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(36, 92, 92) }
```

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

```
.border{ border-color:rgb(36, 92, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 92, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 92, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 92, 92);  
box-shadow:4px 4px 4px 4px rgb(36, 92, 92)  
}
```

Background

The CSS property to change the background color of an element to Android 4280573020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 92, 92) }
```

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

```
.background{ background-color: rgb(36, 92,  
92) }
```

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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