

Converting Colors

Android(4280776024)

Have a look what the booklet for
Android(4280776024) contains.

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Color

Android(4280776024)

Conversions

Conversions Part 1

Format	Color
Hex	277558
RGB	39, 117, 88
RGB Percent	15%, 46%, 35%
CMY	0.8471, 0.5412, 0.6549
CMYK	0.67, 0.00, 0.25, 0.54
HSL	158°, 50%, 31%
HSV	158°, 67%, 46%
XYZ	8.9594, 13.8585, 11.4353
YIQ	90.3720, -37.1790, -25.5550

Conversions

Conversions Part 2

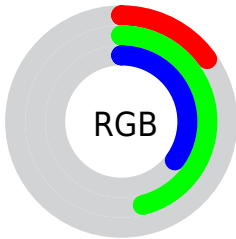
Format	Color
R_{YB}	39, 87, 117
Decimal	2585944
CIE Lab	44.03, -31.19, 9.14
CIE LCh	44, 32.504, 163.672
Yxy	13.8585, 0.2616, 0.4046
Android (android.graphics.Color)	4280776024 (0xFF277558)
YUV	90.3720, -1.1694, -45.0532
Hunter-Lab	37.2270, -22.1876, 7.8464

Details

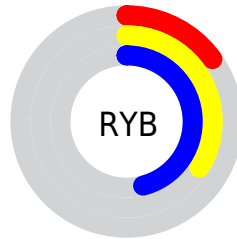
The Android color `4280776024` is a dark color, and the websafe version is hex `336633`. A complement of this color would be `4285867844`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284394122`, and `4278207531` is the 20% darker color. If you saturate the color by 10%, you get `4279989588`, and if you desaturate by 10%, it is `4281562460`.

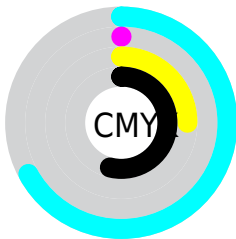
Distribution



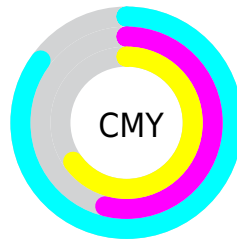
- Red (15%)
- Green (46%)
- Blue (35%)



- Red (15%)
- Yellow (34%)
- Blue (46%)



- Cyan (67%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)



- Cyan (85%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280776024 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 4280776024 by changing the saturation by 10% instead.

 4280776024

 4280776024

4294967295

 4278279233

 4284394122

 4278207531

 4286170532

 4278201622

 4287947199

 4278195968

 4289789659

 4278190080


 4291624952

 4293525503

 4280776024

 4280776024

 4279989588

 4281562460

■ 4279268687

■ 4282283361

■ 4278482251

■ 4283069797

■ 4278220105

■ 4283856233

■ 4284642670

■ 4285363570

■ 4286150006

■ 4286936443

■ 4287657343

Harmonies

Analogous

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



4283396416



4280776024



4278220404

Triad

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



4280776024



4283656092



4288043076

Complementary

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



4280776024



4285867844

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.



4288434781



4280776024



4286209167

Square

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



4280776024



4279136155



4287845496



4286931252

Rectangle

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



4280776024



4278220165



4287845496



4288238924

Sweetspot

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



4280776024



4286224782



4282742055



4282010950



4291611852



4283256141

Same Dimension

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



4280776024



4280260971



4280773749



4281678648



4278221389



4278254237

Inverse Universe

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



4285867844



4288225100



4285870119



4282070327



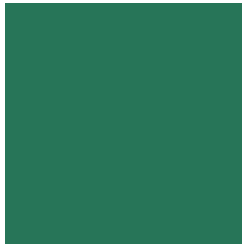
4286185518



4294574173

Previews

White Background



This preview shows how the Android color 4280776024 looks on a white background.

Color Contrast Check

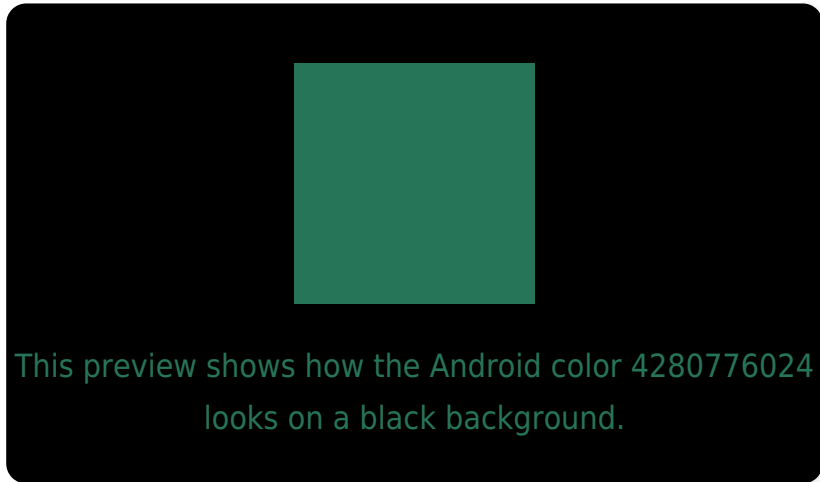
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280776024 Background



This preview shows how black text looks on a background with the Android color 4280776024.



This preview shows how white text looks on a background with the Android color 4280776024.

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
4280776024

Protanopia
4285425489

Deuteranopia
4285949020

Trichromacy



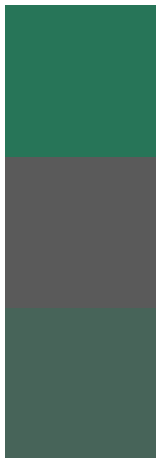
Original Color
4280776024

Protanomaly
4283722836

Deuteranomaly
4284050011

Tritanomaly
4281299566

Monochromacy



Original Color
4280776024

Achromatopsia
4284111450

Achromatomaly
4282868825

CSS Examples

Text

The CSS property to change the color of the text to Android 4280776024 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(39, 117, 88)` looks like.

```
.text, #text, p{  
    color:rgb(39, 117, 88)  
}
```

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(39, 117, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 117, 88) }
```

Border

The CSS property to change the border of an element to Android 4280776024 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(39, 117, 88) }
```

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

```
.border{ border-color:rgb(39, 117, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 117, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 117, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 117, 88);  
box-shadow:4px 4px 4px 4px rgb(39, 117,  
88) }
```

Background

The CSS property to change the background color of an element to Android 4280776024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 117, 88) }
```

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

```
.background{ background-color: rgb(39, 117,  
88) }
```

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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