

Converting Colors

Android(4280564776)

Have a look what the booklet for
Android(4280564776) contains.

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Color

Android(4280564776)

Conversions

Conversions Part 1

Format	Color
Hex	243C28
RGB	36, 60, 40
RGB Percent	14%, 24%, 16%
CMY	0.8588, 0.7647, 0.8431
CMYK	0.40, 0.00, 0.33, 0.76
HSL	130°, 25%, 19%
HSV	130°, 40%, 24%
XYZ	2.7264, 3.7600, 2.5895
YIQ	50.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

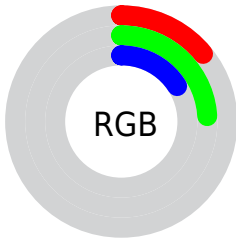
Format	Color
RYB	36, 57, 60
Decimal	2374696
CIELab	22.86, -14.45, 9.49
CIELCh	23, 17.285, 146.711
Yxy	3.7600, 0.3004, 0.4143
Android (android.graphics.Color)	4280564776 (0xFF243C28)
YUV	50.5440, -5.1982, -12.7551
Hunter-Lab	19.3907, -8.8358, 5.6556

Details

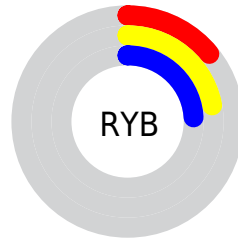
The Android color **4280564776** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282131512**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4283591765**, and **4278194688** is the 20% darker color. If you saturate the color by 10%, you get **4280171555**, and if you desaturate by 10%, it is **4280957997**.

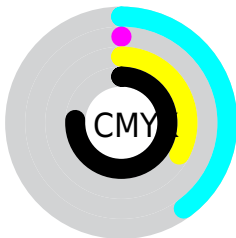
Distribution



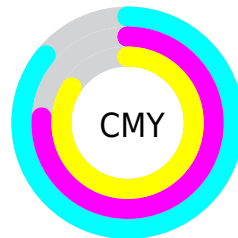
- Red (14%)
- Green (24%)
- Blue (16%)



- Red (14%)
- Yellow (22%)
- Blue (24%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (76%)



- Cyan (86%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280564776 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 4280564776 by changing the saturation by 10% instead.



4280564776



4280564776

4294967295



4279182868



4283591765



4278194688



4285171053



4278190080



4286881671



4288592545



4290369212



4292211416



4294049780



4280564776



4280564776

■ 4280171555

■ 4280957997

■ 4279778334

■ 4281351218

■ 4279385113

■ 4281744439

■ 4278991892

■ 4282137660

■ 4278598671

■ 4282530881

■ 4278205450

■ 4282924102

■ 4283317323

■ 4283710544

■ 4284103765

Harmonies

Analogous

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



4281547039



4280564776



4279385397

Triad

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



4280564776



4280367184



4283378988

Complementary

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



4280564776



4282131512

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.



4283313464



4280564776



4281742414

Square

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



4280564776



4278795340



4282724165



4283052321

Rectangle

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



4280564776



4278533438



4282724165



4283444528

Sweetspot

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



4280564776



4282797895



4281875492



4280494372



4289243304



4280887593

Same Dimension

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



4280564776



4280897327



4280564788



4280033052



4278214160



4278246949

Inverse Universe

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



4282131512



4283377993



4282131500



4280228894



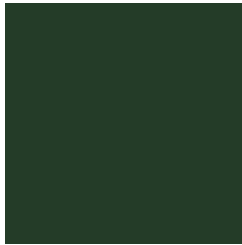
4284350543



4292739257

Previews

White Background



This preview shows how the Android color 4280564776 looks on a white background.

Color Contrast Check

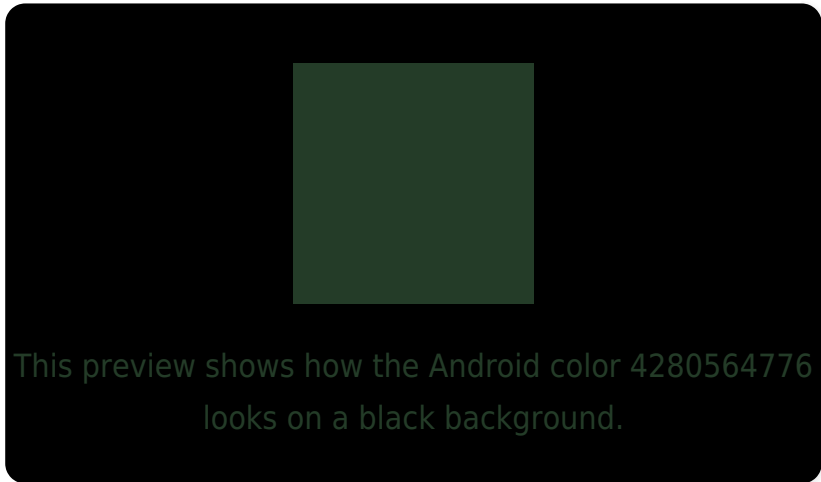
Large Text (above 18pt) WCAG AA ✓ Pass

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

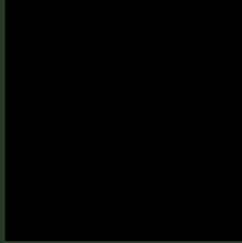
Any Text WCAG AA × Fail

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 4280564776 Background



This preview shows how black text looks on a background with the Android color 4280564776.



This preview shows how white text looks on a background with the Android color 4280564776.

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](#).

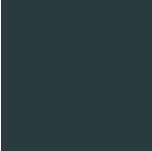
Dichromacy



Original Color
[4280564776](#)

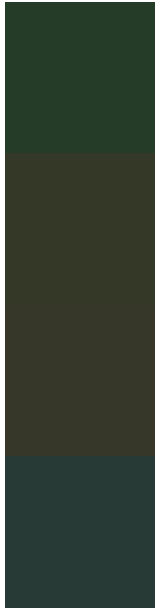
Protanopia
[4282070566](#)

Deuteranopia
[4282397738](#)



Tritanopia
4280891710

Trichromacy



Original Color

4280564776

Protanomaly

4281546791

Deuteranomaly

4281743145

Tritanomaly

4280760886

Monochromacy



Original Color

4280564776

Achromatopsia

4281545523

Achromatomaly

4281218607

CSS Examples

Text

The CSS property to change the color of the text to Android 4280564776 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, 60, 40)` looks like.

```
.text, #text, p{  
    color:rgb(36, 60, 40)  
}
```

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, 60, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 60, 40) }
```

Border

The CSS property to change the border of an element to Android 4280564776 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, 60, 40) }
```

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

```
.border{ border-color:rgb(36, 60, 40) }
```

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

Here you see how a box with a 4 pixel rgb(36, 60, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 60, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 60, 40);  
box-shadow:4px 4px 4px 4px rgb(36, 60, 40)  
}
```

Background

The CSS property to change the background color of an element to Android 4280564776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 60, 40) }
```

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

```
.background{ background-color: rgb(36, 60,  
40) }
```

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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