

Converting Colors

Android(4282732646)

Have a look what the booklet for
Android(4282732646) contains.

Android(4282732646)	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(4282732646)

Conversions

Conversions Part 1

Format	Color
Hex	455066
RGB	69, 80, 102
RGB Percent	27%, 31%, 40%
CMY	0.7294, 0.6863, 0.6000
CMYK	0.32, 0.22, 0.00, 0.60
HSL	220°, 19%, 34%
HSV	220°, 32%, 40%
XYZ	7.7212, 7.9618, 13.7002
YIQ	79.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

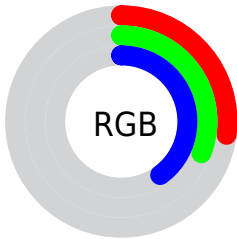
Format	Color
RYB	69, 77, 102
Decimal	4542566
CIELab	33.90, 1.45, -14.18
CIELCh	34, 14.253, 275.824
Yxy	7.9618, 0.2628, 0.2710
Android (android.graphics.Color)	4282732646 (0xFF455066)
YUV	79.2190, 11.2310, -8.9621
Hunter-Lab	28.2167, -0.5349, -9.0357

Details

The Android color **4282732646** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4284898117**, and the grayscale version is **4283387727**.

A 20% lighter version of the original color is **4285956505**, and **4279772215** is the 20% darker color. If you saturate the color by 10%, you get **4282075494**, and if you desaturate by 10%, it is **4283389798**.

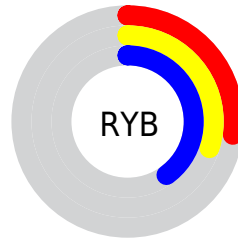
Distribution



Red (27%)

Green (31%)

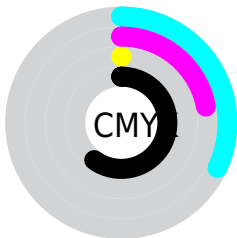
Blue (40%)



Red (27%)

Yellow (30%)

Blue (40%)

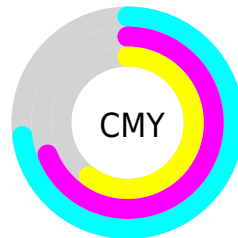


Cyan (32%)

Magenta (22%)

Yellow (0%)

Black (60%)



Cyan (73%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282732646 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 4282732646 by changing the saturation by 10% instead.



4282732646



4282732646

4294967295



4281219406



4285956505



4279772215



4287667124



4278193698



4289443535



4278190089



4291219948



4278190080



4293062399



4282732646



4282732646



4282075494



4283389798



4281418342



4284046950

■ 4280695910

■ 4284769382

■ 4280038758

■ 4285426534

■ 4279381606

■ 4286083686

■ 4278724454

■ 4286740838

■ 4278198886

■ 4287397990

■ 4288120422

■ 4288777574

Harmonies

Analogous

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



4281750372



4282732646



4283714658

Triad

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



4282732646



4284893507



4282209606

Complementary

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



4282732646



4284898117

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.



4282995517



4282732646



4284501051

Square

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



4282732646



4284893262



4283846713



4281488978

Rectangle

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



4282732646



4284303965



4283846713



4282471747

Sweetspot

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



4282732646



4286020741



4282738267



4282006850



4290953922



4282532418

Same Dimension

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



4282732646



4283523717



4283057510



4281217075



4278199923



4278211058

Inverse Universe

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



4284892496



4286927202



4284573253



4281544240



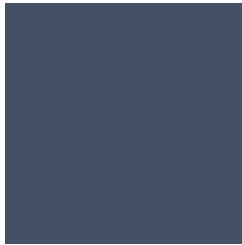
4285726758



4294049873

Previews

White Background



This preview shows how the Android color 4282732646 looks on a white background.

Color Contrast Check

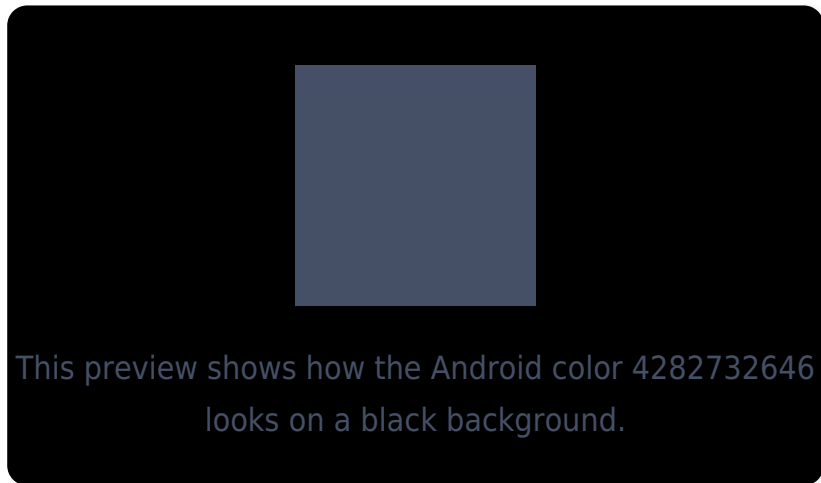
Large Text (above 18pt) WCAG AA ✓ Pass

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

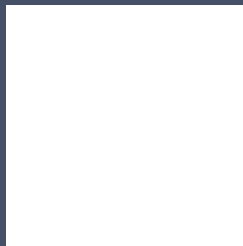
Any Text WCAG AAA × Fail

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

Android 4282732646 Background



This preview shows how black text looks on a background with the Android color 4282732646.

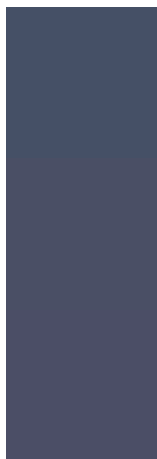


This preview shows how white text looks on a background with the Android color 4282732646.

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

4282732646

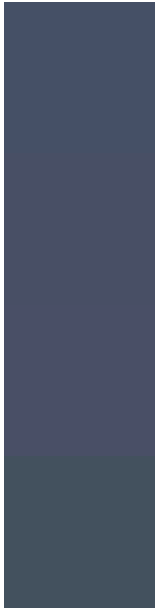
Protanopia

4283060069

Deuteranopia

4283125350

Trichromacy



Original Color

4282732646

Protanomaly

4282928997

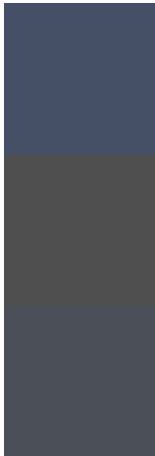
Deuteranomaly

4282994534

Tritanomaly

4282601822

Monochromacy



Original Color

4282732646

Achromatopsia

4283387727

Achromatomaly

4283125591

CSS Examples

Text

The CSS property to change the color of the text to Android 4282732646 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(69, 80, 102)` looks like.

```
.text, #text, p{  
    color:rgb(69, 80, 102)  
}
```

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(69, 80, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 80, 102) }
```

Border

The CSS property to change the border of an element to Android 4282732646 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(69, 80, 102) }
```

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

```
.border{ border-color:rgb(69, 80, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 80, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 80, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 80, 102);  
box-shadow:4px 4px 4px 4px rgb(69, 80,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4282732646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 80, 102) }
```

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

```
.background{ background-color: rgb(69, 80,  
102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor