

Converting Colors

Android(4282664322)

Have a look what the booklet for
Android(4282664322) contains.

Android(4282664322)	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(4282664322)

Conversions

Conversions Part 1

Format	Color
Hex	444582
RGB	68, 69, 130
RGB Percent	27%, 27%, 51%
CMY	0.7333, 0.7294, 0.4902
CMYK	0.48, 0.47, 0.00, 0.49
HSL	239°, 31%, 39%
HSV	239°, 48%, 51%
XYZ	8.5413, 7.0969, 22.0388
YIQ	75.6550, -20.1770, 18.7590

Conversions

Conversions Part 2

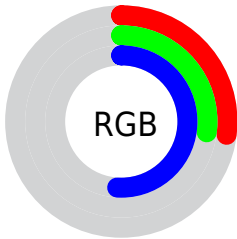
Format	Color
R_{YB}	68, 69, 130
Decimal	4474242
CIE _{Lab}	32.03, 16.95, -34.62
CIE _{LCh}	32, 38.549, 296.079
Yxy	7.0969, 0.2267, 0.1884
Android (android.graphics.Color)	4282664322 (0xFF444582)
YUV	75.6550, 26.7921, -6.7134
Hunter-Lab	26.6400, 10.6105, -30.4015

Details

The Android color `4282664322` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4286742852`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4286084535`, and `4279048784` is the 20% darker color. If you saturate the color by 10%, you get `4281809026`, and if you desaturate by 10%, it is `4283519618`.

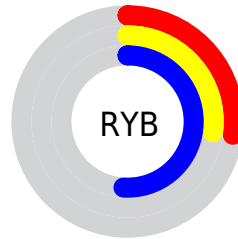
Distribution



Red (27%)

Green (27%)

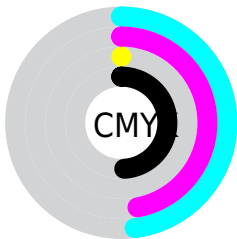
Blue (51%)



Red (27%)

Yellow (27%)

Blue (51%)

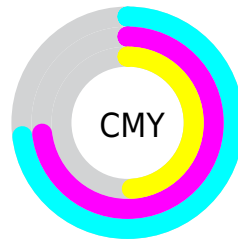


Cyan (48%)

Magenta (47%)

Yellow (0%)

Black (49%)



Cyan (73%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282664322 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 4282664322 by changing the saturation by 10% instead.



4282664322



4282664322

4294967295



4280954729



4286084535



4279048784



4287860691



4278190137



4289636848



4278190626



4291478783



4278190089



4293386495



4278190080

4294966783



4282664322



4282664322



4281809026



4283519618

■ 4280953730

■ 4284374914

■ 4280098690

■ 4285229954

■ 4279243394

■ 4286085250

■ 4278388098

■ 4286940546

■ 4278190722

■ 4287795842

■ 4288651138

■ 4289506178

■ 4290361474

Harmonies

Analogous

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



4278210696



4282664322



4285282414

Triad

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



4282664322



4285807897



4278212934

Complementary

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



4282664322



4286742852

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.



4279588648



4282664322



4284369158

Square

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



4282664322



4286656819



4282470670



4278212965

Rectangle

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



4282664322



4286263387



4282470670



4278212924

Sweetspot

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



4282664322



4287730088



4282679937



4282795604



4292138196



4283716692

Same Dimension

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



4282664322



4282927784



4284630146



4281940288



4278190720



4278190080

Inverse Universe

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



4286727237



4289218634



4284777028



4282399033



4286578690



4278190080

Previews

White Background



This preview shows how the Android color 4282664322 looks on a white background.

Color Contrast Check

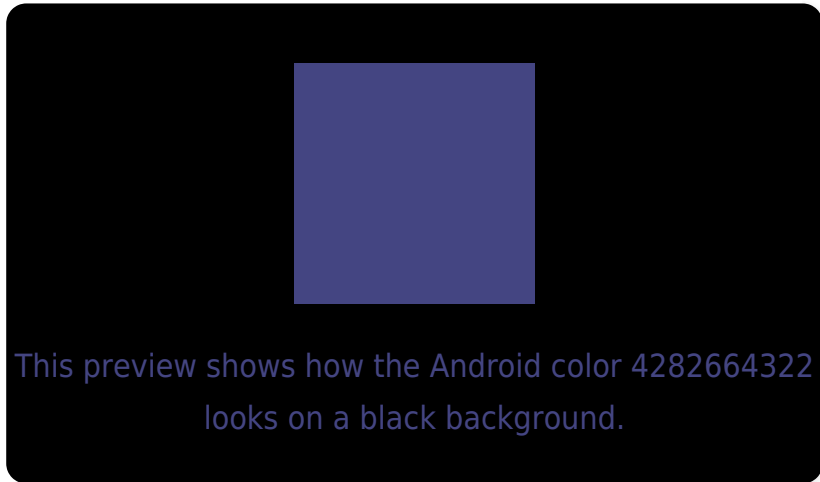
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282664322 Background



This preview shows how black text looks on a background with the Android color 4282664322.



This preview shows how white text looks on a background with the Android color 4282664322.

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

4282664322

Protanopia

4281289094

Deuteranopia

4280568960

Trichromacy



Original Color
4282664322

Protanomaly
4281813125

Deuteranomaly
4281354625

Tritanomaly
4282141542

Monochromacy



Original Color
4282664322

Achromatopsia
4283190348

Achromatomaly
4282992992

CSS Examples

Text

The CSS property to change the color of the text to Android 4282664322 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(68, 69, 130)` looks like.

```
.text, #text, p{  
    color:rgb(68, 69, 130)  
}
```

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(68, 69, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 69, 130) }
```

Border

The CSS property to change the border of an element to Android 4282664322 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(68, 69, 130) }
```

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

```
.border{ border-color:rgb(68, 69, 130) }
```

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

Here you see how a box with a 4 pixel rgb(68, 69, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 69, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 69, 130);  
box-shadow:4px 4px 4px 4px rgb(68, 69,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4282664322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 69, 130) }
```

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

```
.background{ background-color: rgb(68, 69,  
130) }
```

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