

Converting Colors

Android(4282866226)

Have a look what the booklet for
Android(4282866226) contains.

Android(4282866226)	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(4282866226)

Conversions

Conversions Part 1

Format	Color
Hex	475A32
RGB	71, 90, 50
RGB Percent	28%, 35%, 20%
CMY	0.7216, 0.6471, 0.8039
CMYK	0.21, 0.00, 0.44, 0.65
HSL	88°, 29%, 27%
HSV	88°, 44%, 35%
XYZ	6.8304, 8.8822, 4.3720
YIQ	79.7590, 1.5160, -16.4680

Conversions

Conversions Part 2

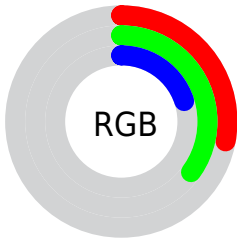
Format	Color
RYB	50, 90, 69
Decimal	4676146
CIELab	35.76, -15.21, 20.75
CIELCh	36, 25.727, 126.246
Yxy	8.8822, 0.3401, 0.4422
Android (android.graphics.Color)	4282866226 (0xFF475A32)
YUV	79.7590, -14.6712, -7.6816
Hunter-Lab	29.8030, -11.2457, 12.1644

Details

The Android color `4282866226` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4282724954`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4286090337`, and `4279905284` is the 20% darker color. If you saturate the color by 10%, you get `4282604073`, and if you desaturate by 10%, it is `4283128379`.

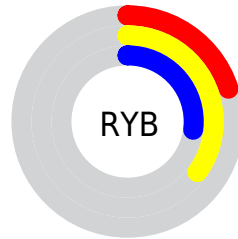
Distribution



Red (28%)

Green (35%)

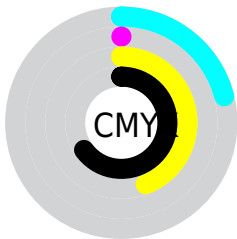
Blue (20%)



Red (20%)

Yellow (35%)

Blue (27%)

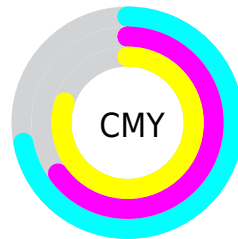


Cyan (21%)

Magenta (0%)

Yellow (44%)

Black (65%)



Cyan (72%)

Magenta (65%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282866226 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 4282866226 by changing the saturation by 10% instead.



4282866226



4282866226

4294967295



4281352732



4286090337



4279905284



4287801210



4278196480



4289577620



4278190080



4291419823



4293262026



4294967270



4282866226



4282866226



4282604073



4283128379

■ 4282276384

■ 4283456068

■ 4282014231

■ 4283718221

■ 4281752078

■ 4283980374

■ 4281489925

■ 4284242527

■ 4281293312

■ 4284570216

■ 4284832369

■ 4285094522

■ 4285356675

Harmonies

Analogous

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



4284306474



4282866226



4281163331

Triad

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



4282866226



4278934393



4286268497

Complementary

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



4282866226



4282724954

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.



4285613669



4282866226



4282144125

Square

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



4282866226



4278214252



4284239221



4286203453

Rectangle

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



4282866226



4279590737



4284239221



4286137432

Sweetspot

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



4282866226



4285429094



4284106034



4281744177



4290427578



4282071867

Same Dimension

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



4282866226



4283987255



4281555506



4281085481



4282019328



4286442752

Inverse Universe

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



4282724954



4283774837



4284035674



4281018670



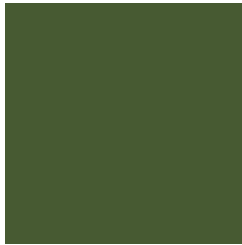
4281598062



4285595885

Previews

White Background



This preview shows how the Android color 4282866226 looks on a white background.

Color Contrast Check

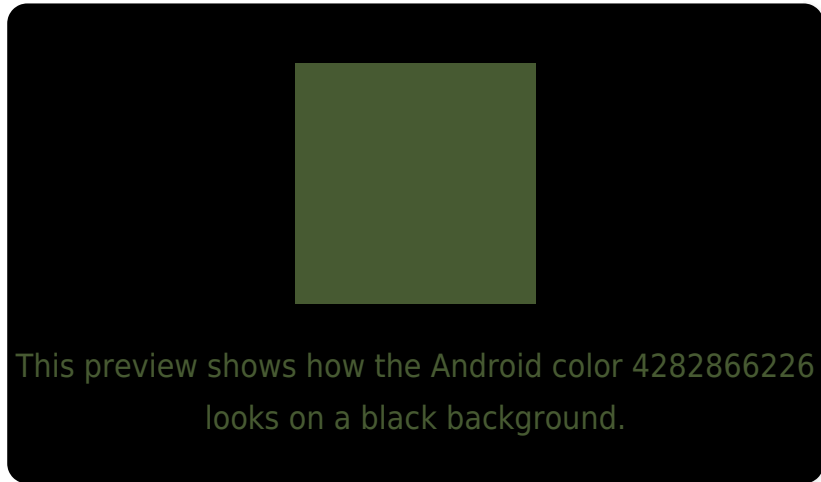
Large Text (above 18pt) WCAG AA ✓ Pass

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

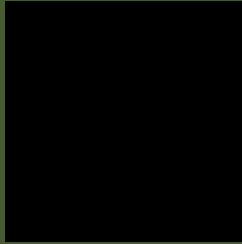
Any Text WCAG AA × Fail

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 4282866226 Background



This preview shows how black text looks on a background with the Android color 4282866226.



This preview shows how white text looks on a background with the Android color 4282866226.

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

4282866226

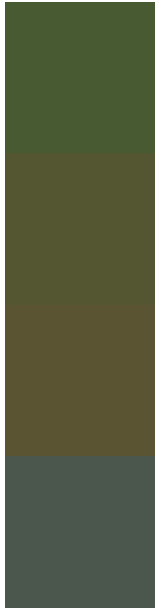
Protanopia

4284240944

Deuteranopia

4284829748

Trichromacy



Original Color

4282866226

Protanomaly

4283717169

Deuteranomaly

4284109875

Tritanomaly

4283127629

Monochromacy



Original Color

4282866226

Achromatopsia

4283453520

Achromatomaly

4283257925

CSS Examples

Text

The CSS property to change the color of the text to Android 4282866226 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(71, 90, 50)` looks like.

```
.text, #text, p{  
    color:rgb(71, 90, 50)  
}
```

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(71, 90, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 90, 50) }
```

Border

The CSS property to change the border of an element to Android 4282866226 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(71, 90, 50) }
```

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

```
.border{ border-color:rgb(71, 90, 50) }
```

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

Here you see how a box with a 4 pixel rgb(71, 90, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 90, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 90, 50);  
box-shadow:4px 4px 4px 4px rgb(71, 90, 50)  
}
```

Background

The CSS property to change the background color of an element to Android 4282866226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 90, 50) }
```

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

```
.background{ background-color: rgb(71, 90,  
50) }
```

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