

Converting Colors

Android(4282806366)

Have a look what the booklet for
Android(4282806366) contains.

Android(4282806366)	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(4282806366)

Conversions

Conversions Part 1

Format	Color
Hex	46705E
RGB	70, 112, 94
RGB Percent	27%, 44%, 37%
CMY	0.7255, 0.5608, 0.6314
CMYK	0.37, 0.00, 0.16, 0.56
HSL	154°, 23%, 36%
HSV	154°, 37%, 44%
XYZ	10.3403, 13.6986, 12.6888
YIQ	97.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

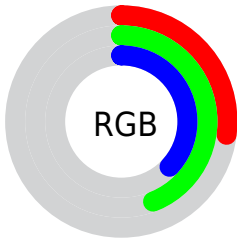
Format	Color
RYB	70, 97, 112
Decimal	4616286
CIELab	43.80, -19.06, 5.41
CIELCh	44, 19.810, 164.154
Yxy	13.6986, 0.2815, 0.3730
Android (android.graphics.Color)	4282806366 (0xFF46705E)
YUV	97.3900, -1.6713, -24.0210
Hunter-Lab	37.0116, -14.9008, 5.5816

Details

The Android color `4282806366` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285548120`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4286096528`, and `4279648304` is the 20% darker color. If you saturate the color by 10%, you get `4282085465`, and if you desaturate by 10%, it is `4283527267`.

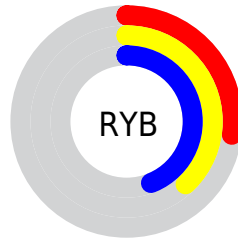
Distribution



Red (27%)

Green (44%)

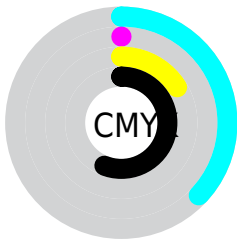
Blue (37%)



Red (27%)

Yellow (38%)

Blue (44%)

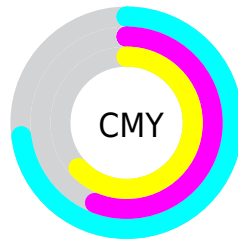


Cyan (37%)

Magenta (0%)

Yellow (16%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282806366 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 4282806366 by changing the saturation by 10% instead.



4282806366



4282806366

4294967295



4281227078



4286096528



4279648304



4287807403



4278200859



4289584070



4278195712



4291426530



4278190080



4293263359



4282806366



4282806366



4282085465



4283527267



4281364564



4284248168

■ 4280578128

■ 4285034604

■ 4279857227

■ 4285755505

■ 4279136326

■ 4286476406

■ 4278415425

■ 4287197307

■ 4278218816

■ 4287918208

■ 4288704644

■ 4289425545

Harmonies

Analogous

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



4284050768



4282806366



4281823599

Triad

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



4282806366



4284376711



4286996049

Complementary

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



4282806366



4285548120

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.



4287191904



4282806366



4285817215

Square

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



4282806366



4282805383



4286798961



4286276424

Rectangle

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



4282806366



4281626745



4286798961



4287126870

Sweetspot

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



4282806366



4286681482



4283985990



4282403398



4291414473



4283058762

Same Dimension

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



4282806366



4283470197



4282805616



4281481270



4278220868



4278253453

Inverse Universe

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



4285548120



4287713388



4285548870



4281872949



4286054451



4294377578

Previews

White Background



This preview shows how the Android color 4282806366 looks on a white background.

Color Contrast Check

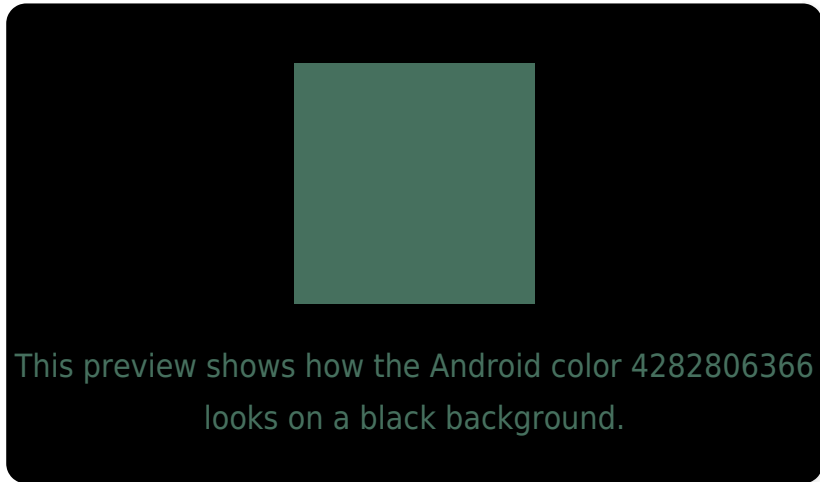
Large Text (above 18pt) WCAG AA ✓ Pass

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

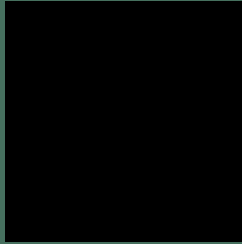
Any Text WCAG AA × Fail

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 4282806366 Background



This preview shows how black text looks on a background with the Android color 4282806366.



This preview shows how white text looks on a background with the Android color 4282806366.

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

4282806366

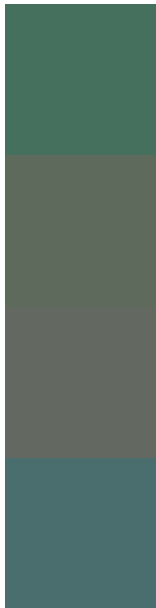
Protanopia

4285294425

Deuteranopia

4285752417

Trichromacy



Original Color
4282806366

Protanomaly
4284377691

Deuteranomaly
4284704864

Tritanomaly
4283002477

Monochromacy



Original Color
4282806366

Achromatopsia
4284572001

Achromatomaly
4283917920

CSS Examples

Text

The CSS property to change the color of the text to Android 4282806366 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(70, 112, 94)` looks like.

```
.text, #text, p{  
    color:rgb(70, 112, 94)  
}
```

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(70, 112, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 112, 94) }
```

Border

The CSS property to change the border of an element to Android 4282806366 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(70, 112, 94) }
```

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

```
.border{ border-color:rgb(70, 112, 94) }
```

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

Here you see how a box with a 4 pixel rgb(70, 112, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 112, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 112, 94);  
box-shadow:4px 4px 4px 4px rgb(70, 112,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4282806366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 112, 94) }
```

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

```
.background{ background-color: rgb(70, 112,  
94) }
```

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