

# Converting Colors

Android(4282930766)

Have a look what the booklet for  
Android(4282930766) contains.

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# Color

**Android(4282930766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48564E
RGB	72, 86, 78
RGB Percent	28%, 34%, 31%
CMY	0.7176, 0.6627, 0.6941
CMYK	0.16, 0.00, 0.09, 0.66
HSL	146°, 9%, 31%
HSV	146°, 16%, 34%
XYZ	7.3754, 8.5834, 8.4758
YIQ	80.9020, -5.7760, -5.4560

# Conversions

## Conversions Part 2

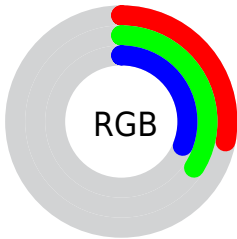
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 82, 86
Decimal	4740686
CIE Lab	35.17, -7.29, 2.83
CIE LCh	35, 7.822, 158.809
Yxy	8.5834, 0.3018, 0.3513
Android (android.graphics.Color)	4282930766 (0xFF48564E)
YUV	80.9020, -1.4307, -7.8071
Hunter-Lab	29.2974, -6.3342, 3.3555

# Details

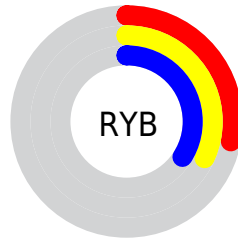
The Android color **4282930766** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4283844688**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4286154879**, and **4280035618** is the 20% darker color. If you saturate the color by 10%, you get **4282340937**, and if you desaturate by 10%, it is **4283520595**.

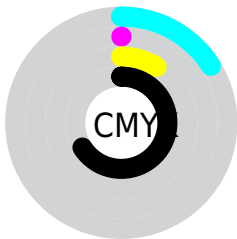
# Distribution



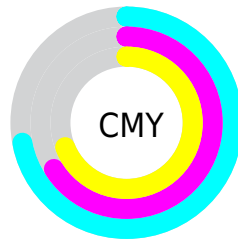
- Red (28%)
- Green (34%)
- Blue (31%)



- Red (28%)
- Yellow (32%)
- Blue (34%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (66%)



- Cyan (72%)
- Magenta (66%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282930766 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 4282930766 by changing the saturation by 10% instead.





4282930766



4282930766

4294967295



4281417527



4286154879



4280035618



4287799961



4278392076



4289576372



4278190080



4291353039



4293195243



4282930766



4282930766



4282340937



4283520595



4281816644



4284044888

■ 4281226815

■ 4284634717

■ 4280702522

■ 4285159010

■ 4280112693

■ 4285748839

■ 4279522865

■ 4286338667

■ 4278998572

■ 4286862960

■ 4278408743

■ 4287452789

■ 4278212133

■ 4287977082

# Harmonies

## Analogous

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



4283389257



4282930766



4282668628

# Triad

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



4282930766



4283323231



4284501835

# Complementary

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



4282930766



4283844688

# 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.



4284501585



4282930766



4283847004

# Square

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



4282930766



4282864990



4284305239



4284240199

# Rectangle

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



4282930766



4282603096



4284305239



4284501837



# Sweetspot

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



4282930766



4285231213



4283455048



4281677878



4290295992



4281874488



# Same Dimension

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



4282930766



4284117091



4282930773



4280757033



4278217518



4278250341



# Inverse Universe

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



4283844688



4285553255



4283844681



4281018153



4285202493

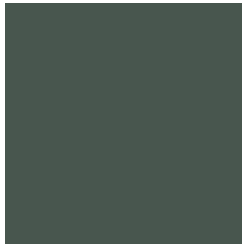


4293591174



# Previews

## White Background



This preview shows how the Android color 4282930766 looks on a white background.

## Color Contrast Check

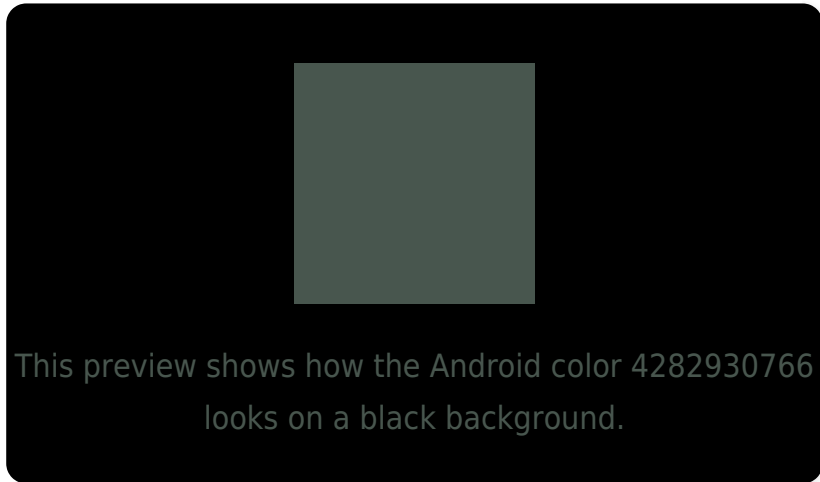
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282930766 Background



This preview shows how black text looks on a background with the Android color 4282930766.



This preview shows how white text looks on a background with the Android color 4282930766.

# 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**

[4282930766](#)

**Protanopia**

[4283847244](#)

**Deuteranopia**

[4284239951](#)



# Trichromacy



**Original Color**

4282930766

**Protanomaly**

4283519821

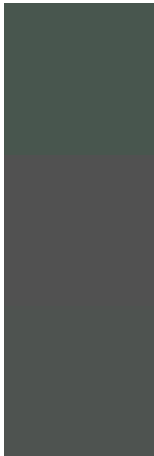
**Deuteranomaly**

4283781711

**Tritanomaly**

4282996054

# Monochromacy



**Original Color**

4282930766

**Achromatopsia**

4283519313

**Achromatomaly**

4283323216

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282930766 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(72, 86, 78)` looks like.

```
.text, #text, p{  
    color:rgb(72, 86, 78)  
}
```

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(72, 86, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 86, 78) }
```

## Border

The CSS property to change the border of an element to Android 4282930766 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(72, 86, 78) }
```

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

```
.border{ border-color:rgb(72, 86, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 86, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 86, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 86, 78);  
box-shadow:4px 4px 4px 4px rgb(72, 86, 78)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282930766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 86, 78) }
```

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

```
.background{ background-color: rgb(72, 86,  
78) }
```

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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