

# Converting Colors

Android(4285710462)

Have a look what the booklet for  
Android(4285710462) contains.

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# **Color**

**Android(4285710462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C07E
RGB	114, 192, 126
RGB Percent	45%, 75%, 49%
CMY	0.5529, 0.2471, 0.5059
CMYK	0.41, 0.00, 0.34, 0.25
HSL	129°, 38%, 60%
HSV	129°, 41%, 75%
XYZ	29.5550, 42.7830, 26.4389
YIQ	161.1540, -25.3020, -37.0620

# Conversions

## Conversions Part 2

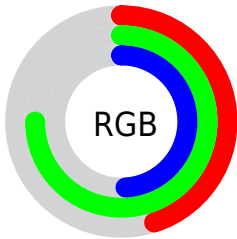
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 182, 192</a>
Decimal	<a href="#">7520382</a>
CIELab	<a href="#">71.41, -38.02, 25.93</a>
CIELCh	<a href="#">71, 46.016, 145.704</a>
Yxy	<a href="#">42.7830, 0.2992, 0.4331</a>
Android (android.graphics.Color)	<a href="#">4285710462</a> ( <a href="#">0xFF72C07E</a> )
YUV	<a href="#">161.1540, -17.3309, -41.3541</a>
Hunter-Lab	<a href="#">65.4087, -33.8100, 21.8205</a>

# Details

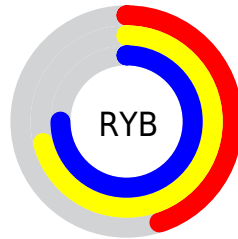
The Android color `4285710462` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290802356`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4289329587`, and `4282157644` is the 20% darker color. If you saturate the color by 10%, you get `4284465262`, and if you desaturate by 10%, it is `4286955662`.

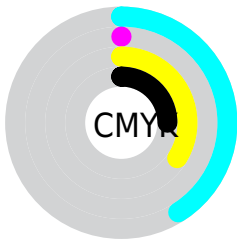
# Distribution



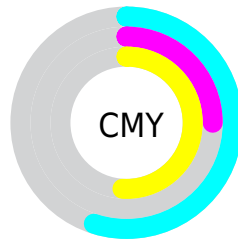
- Red (45%)
- Green (75%)
- Blue (49%)



- Red (45%)
- Yellow (71%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285710462 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 4285710462 by changing the saturation by 10% instead.





4285710462



4285710462

4294967295



4283934053



4289329587



4282157644



4291166159



4280250421



4293066731



4278212382



4278206215



4278200576



4278192640



4278190080



4285710462



4285710462

 4284465262

 4286955662

 4283220062

 4288200862

 4281909325

 4289511599

 4280664125

 4290756799

 4279418925

 4292001999

 4278239262

 4293247199

 4294492400

 4294951167

# Harmonies

## Analogous

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



4288984929



4285710462



4280665255

# Triad

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



4285710462



4284331519



4294872973

# Complementary

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



4285710462



4290802356

# 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.



4294610359



4285710462



4289308410

# Square

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



4285710462



4278239219



4292712415



4293827435

# Rectangle

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



4285710462



4278240708



4292712415



4294938010

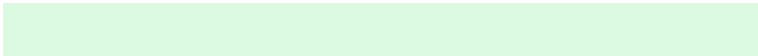


# Sweetspot

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



4285710462



4292672225



4290035826



4285234542



4294769916



4286414205



# Same Dimension

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



4285710462



4286577298



4285710501



4283916633



4278231321



4278198533



# Inverse Universe

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



4290802356



4294606823



4290802317



4284569439



4288741512



4280352796



# Previews

## White Background



This preview shows how the Android color 4285710462 looks on a white background.

## Color Contrast Check

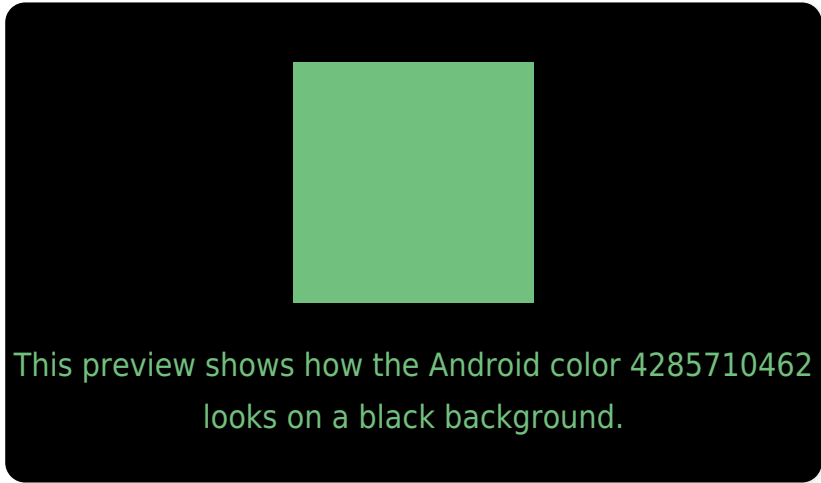
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4285710462 Background



This preview shows how black text looks on a background with the Android color 4285710462.



This preview shows how white text looks on a background with the Android color 4285710462.

# 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**  
4285710462

**Protanopia**  
4290555510

**Deuteranopia**  
4291667844



# Trichromacy



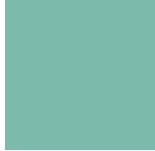
**Original Color**  
4285710462



**Protanomaly**  
4288787833



**Deuteranomaly**  
4289507458



**Tritanomaly**  
4286364332

# Monochromacy



**Original Color**  
4285710462



**Achromatopsia**  
4288782753



**Achromatomaly**  
4287671444

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285710462 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(114, 192, 126)` looks like.

```
.text, #text, p{  
    color:rgb(114, 192, 126)  
}
```

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(114, 192, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 192, 126) }
```

## Border

The CSS property to change the border of an element to Android 4285710462 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(114, 192, 126) }
```

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

```
.border{ border-color:rgb(114, 192, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 192, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 192, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 192, 126);  
box-shadow:4px 4px 4px 4px rgb(114, 192,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4285710462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 192, 126) }
```

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

```
.background{ background-color: rgb(114,  
192, 126) }
```

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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