

# Converting Colors

Android(4285181510)

Have a look what the booklet for  
Android(4285181510) contains.

<b>Android(4285181510)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4285181510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AAE46
RGB	106, 174, 70
RGB Percent	42%, 68%, 27%
CMY	0.5843, 0.3176, 0.7255
CMYK	0.39, 0.00, 0.60, 0.32
HSL	99°, 43%, 48%
HSV	99°, 60%, 68%
XYZ	22.1854, 33.7785, 11.1450
YIQ	141.8120, -7.1440, -46.7600

# Conversions

## Conversions Part 2

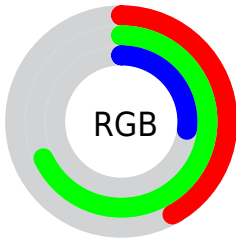
Format	Color
<a href="#">RYB</a>	<a href="#">70, 174, 138</a>
Decimal	<a href="#">6991430</a>
CIELab	<a href="#">64.79, -40.36, 45.73</a>
CIELCh	<a href="#">65, 60.995, 131.431</a>
Yxy	<a href="#">33.7785, 0.3306, 0.5033</a>
Android (android.graphics.Color)	<a href="#">4285181510 (0xFF6AAE46)</a>
YUV	<a href="#">141.8120, -35.4033, -31.4071</a>
Hunter-Lab	<a href="#">58.1192, -33.5713, 29.3140</a>

# Details

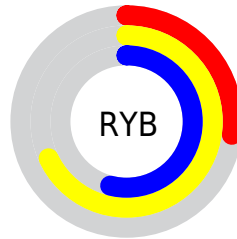
The Android color `4285181510` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4287252142`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4288800378`, and `4281563407` is the 20% darker color. If you saturate the color by 10%, you get `4284460597`, and if you desaturate by 10%, it is `4285902423`.

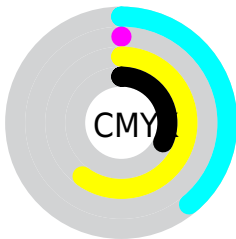
# Distribution



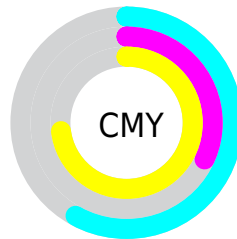
- Red (42%)
- Green (68%)
- Blue (27%)



- Red (27%)
- Yellow (68%)
- Blue (54%)



- Cyan (39%)
- Magenta (0%)
- Yellow (60%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285181510 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 4285181510 by changing the saturation by 10% instead.





4285181510



4285181510

4294967295



4283405100



4288800378



4281563407



4290641813



4279394304



4292542384



4278208256



4294508492



4278202368



4294967273



4278196480



4278190080



4285181510



4285181510



4284460597



4285902423

 4283674147

 4286688873

 4282953234

 4287409786


 4282166784

 4288196236

 4288917149

 4289638062

 4290424512

 4291145425

 4291866339

# Harmonies

## Analogous

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



4289110310



4285181510



4278236536

# Triad

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



4285181510



4278234367



4294929034

# Complementary

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



4285181510



4287252142

# 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.



4293816513



4285181510



4283997439

# Square

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



4285181510



4278236644



4290479855



4294342743

# Rectangle

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



4285181510



4278237086



4290479855



4294863517



# Sweetspot

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



4285181510



4291355578



4289628742



4284642138



4294111986



4285756275



# Same Dimension

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



4285181510



4286112576



4282822230



4283520846



4281636352



4278720256



# Inverse Universe

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



4287252142



4289347811



4289611422



4283715159



4284612758



4279173143



# Previews

## White Background



This preview shows how the Android color 4285181510 looks on a white background.

## Color Contrast Check

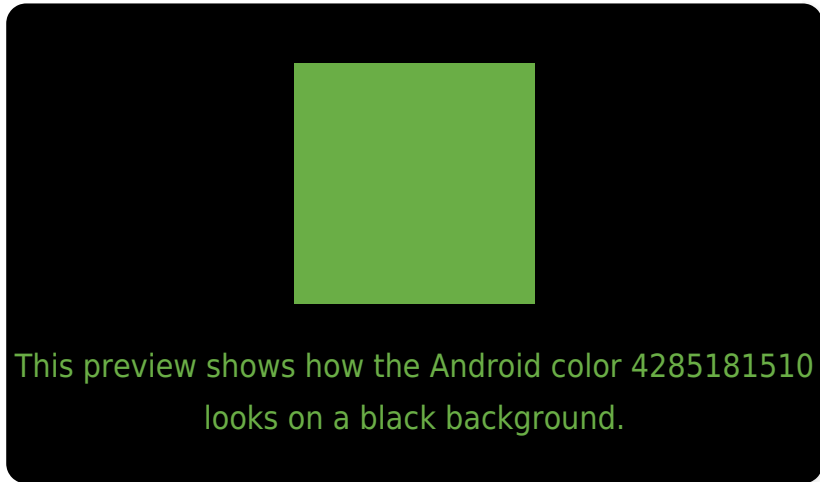
Large Text (above 18pt) WCAG AA × Fail

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 4285181510 Background



This preview shows how black text looks on a background with the Android color 4285181510.



This preview shows how white text looks on a background with the Android color 4285181510.

# 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





# Trichromacy



**Original Color**  
4285181510



**Protanomaly**  
4287996739



**Deuteranomaly**  
4288781898



**Tritanomaly**  
4285900681

# Monochromacy



**Original Color**  
4285181510



**Achromatopsia**  
4287532686



**Achromatomaly**  
4286683764

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285181510 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(106, 174, 70)` looks like.

```
.text, #text, p{  
    color:rgb(106, 174, 70)  
}
```

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(106, 174, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 174, 70) }
```

## Border

The CSS property to change the border of an element to Android 4285181510 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(106, 174, 70) }
```

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

```
.border{ border-color:rgb(106, 174, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 174, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 174, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 174, 70);  
box-shadow:4px 4px 4px 4px rgb(106, 174,  
70) }
```

# Background

The CSS property to change the background color of an element to Android 4285181510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 174, 70) }
```

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

```
.background{ background-color: rgb(106,  
174, 70) }
```

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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