

Converting Colors

Android(4285442560)

Have a look what the booklet for
Android(4285442560) contains.

Android(4285442560)	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(4285442560)

Conversions

Conversions Part 1

Format	Color
Hex	6EAA00
RGB	110, 170, 0
RGB Percent	43%, 67%, 0%
CMY	0.5686, 0.3333, 1.0000
CMYK	0.35, 0.00, 1.00, 0.33
HSL	81°, 100%, 33%
HSV	81°, 100%, 67%
XYZ	20.8051, 32.0644, 5.0925
YIQ	132.6800, 18.8100, -65.5900

Conversions

Conversions Part 2

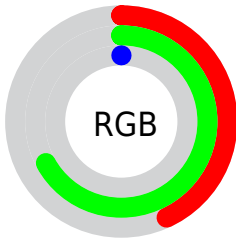
Format	Color
RYB	0, 170, 60
Decimal	7252480
CIELab	63.40, -40.89, 64.83
CIELCh	63, 76.649, 122.241
Yxy	32.0644, 0.3589, 0.5532
Android (android.graphics.Color)	4285442560 (0xFF6EAA00)
YUV	132.6800, -65.4112, -19.8904
Hunter-Lab	56.6255, -33.5107, 34.3057

Details

The Android color `4285442560` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4282122410`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4289192523`, and `4281693440` is the 20% darker color. If you saturate the color by 10%, you get `4285442560`, and if you desaturate by 10%, it is `4285835793`.

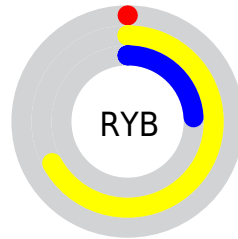
Distribution



Red (43%)

Green (67%)

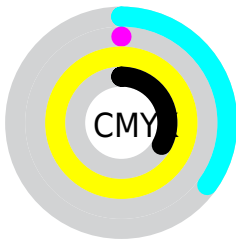
Blue (0%)



Red (0%)

Yellow (67%)

Blue (24%)

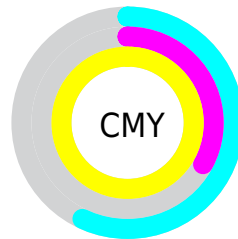


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285442560 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 4285442560 by changing the saturation by 10% instead.

 4285442560


 4285442560

4294967295

 4283600640

 4289192523

 4281693440

 4291100519

 4279458816

 4293001091

 4278207488

 4294967199

 4278201600

 4294967227

 4278195200

 4294967256

 4278190080

 4294967285

 4285442560

 4285835793

 4286229026

 4286622259

 4287015492

 4287408725

 4287801958

 4288195191

 4288588424

 4288981657

Harmonies

Analogous

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



4290025472



4285442560



4278236246

Triad

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



4285442560



4278235647



4294921623

Complementary

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



4285442560



4282122410

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.



4293812954



4285442560



4278231295

Square

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



4285442560



4278237153



4288513535



4294925653

Rectangle

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



4285442560



4278237061



4288513535



4294922414

Sweetspot

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



4285442560



4291223195



4289346304



4284641352



4293980400



4285558896

Same Dimension

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



4285442560



4287684096



4279872000



4283520076



4284519424



4279047168

Inverse Universe

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



4282122410



4283302110



4287627434



4283386964



4281598100



4278648852

Previews

White Background



This preview shows how the Android color 4285442560 looks on a white background.

Color Contrast Check

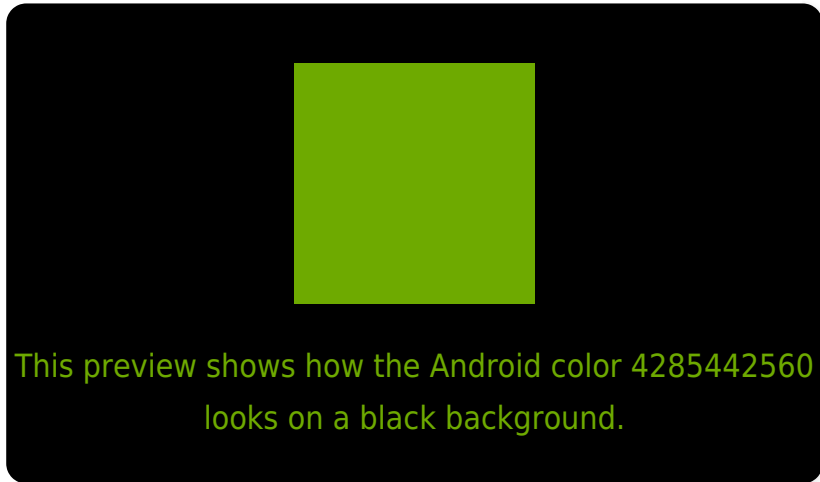
Large Text (above 18pt) WCAG AA × Fail

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 4285442560 Background



This preview shows how black text looks on a background with the Android color 4285442560.




This preview shows how white text looks on a background with the Android color 4285442560.

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





Tritanopia
4286619307

Trichromacy



Original Color
4285442560

Protanomaly
4287995648

Deuteranomaly
4288911893

Tritanomaly
4286161517

Monochromacy



Original Color
4285442560

Achromatopsia
4286940549

Achromatomaly
4286419541

CSS Examples

Text

The CSS property to change the color of the text to Android 4285442560 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(110, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 170, 0)  
}
```

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(110, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 170, 0) }
```

Border

The CSS property to change the border of an element to Android 4285442560 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(110, 170, 0) }
```

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

```
.border{ border-color:rgb(110, 170, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 170, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 170,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4285442560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 170, 0) }
```

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

```
.background{ background-color: rgb(110,  
170, 0) }
```

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