

Converting Colors

Android(4286307865)

Have a look what the booklet for
Android(4286307865) contains.

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Color

Android(4286307865)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7BDE19 |
| RGB | 123, 222, 25 |
| RGB Percent | 48%, 87%, 10% |
| CMY | 0.5176, 0.1294, 0.9020 |
| CMYK | 0.45, 0.00, 0.89, 0.13 |
| HSL | 90°, 80%, 48% |
| HSV | 90°, 89%, 87% |
| XYZ | 34.4651, 56.5237, 10.0134 |
| YIQ | 169.9410, 4.2330, -82.2550 |

Conversions

Conversions Part 2

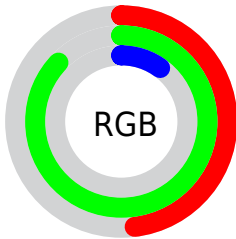
| Format | Color |
|-------------------------------------|--|
| RYB | 25, 222, 124 |
| Decimal | 8117785 |
| CIELab | 79.91, -56.86, 75.09 |
| CIELCh | 80, 94.189, 127.136 |
| Yxy | 56.5237, 0.3412, 0.5596 |
| Android (android.graphics.Color) | 4286307865 (0xFF7BDE19) |
| YUV | 169.9410, -71.4559, -41.1673 |
| Hunter-Lab | 75.1822, -49.7408, 44.7309 |

Details

The Android color **4286307865** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4286323166**, and the grayscale version is **4289440683**.

A 20% lighter version of the original color is **4290248542**, and **4282099200** is the 20% darker color. If you saturate the color by 10%, you get **4285586947**, and if you desaturate by 10%, it is **4287028783**.

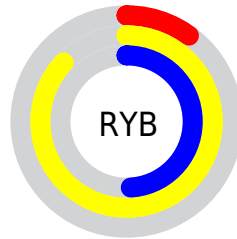
Distribution



Red (48%)

Green (87%)

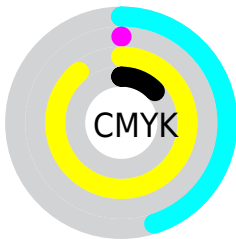
Blue (10%)



Red (10%)

Yellow (87%)

Blue (49%)

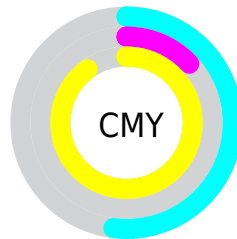


Cyan (45%)

Magenta (0%)

Yellow (89%)

Black (13%)



Cyan (52%)

Magenta (13%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286307865 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 4286307865 by changing the saturation by 10% instead.



4286307865



4286307865

4294967295



4284269056



4290248542



4282099200



4292214651



4278946560



4294246296



4278219008



4294967221



4278212352



4294967251



4278205952



4294967280



4278200320



4278190080



4286307865



4286307865

■ 4285586947

■ 4287028783

■ 4285455872

■ 4287749701

■ 4288470620

■ 4289257074

■ 4289977992

■ 4290698910

■ 4291419828

■ 4292140747

■ 4292861665

Harmonies

Analogous

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



4292528384



4286307865



4278249853

Triad

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



4286307865



4278247935



4294927029

Complementary

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



4286307865



4286323166

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.



4294932479



4286307865



4278242047

Square

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



4286307865



4278250751



4292977919



4294934112

Rectangle

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



4286307865



4278250939



4292977919



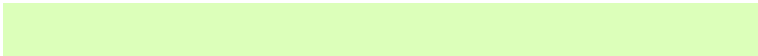
4294927314

Sweetspot

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



4286307865



4292673466



4292770841



4285235287



4278190080



4286611584

Same Dimension

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



4286307865



4286578432



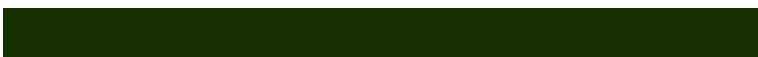
4279885337



4285231205



4284002304



4279775232

Inverse Universe

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



4286323166



4286578943



4292745694



4285228400



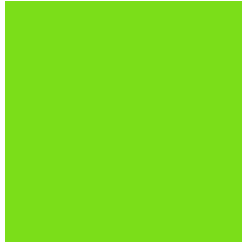
4283957424



4279762992

Previews

White Background



This preview shows how the Android color 4286307865 looks on a white background.

Color Contrast Check

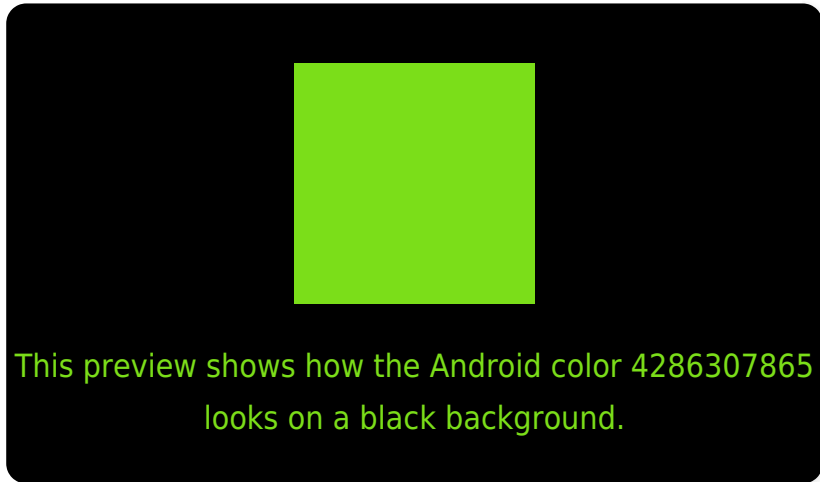
Large Text (above 18pt) WCAG AA × Fail

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 4286307865 Background



This preview shows how black text looks on a background with the Android color 4286307865.



This preview shows how white text looks on a background with the Android color 4286307865.

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
4286307865

Protanopia
4292789519

Deuteranopia
4294425394

Trichromacy



Original Color

4286307865



Protanomaly

4290432531



Deuteranomaly

4291479593



Tritanomaly

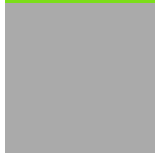
4287419543

Monochromacy



Original Color

4286307865



Achromatopsia

4289374890



Achromatomaly

4288265589

CSS Examples

Text

The CSS property to change the color of the text to Android 4286307865 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(123, 222, 25)` looks like.

```
.text, #text, p{  
    color:rgb(123, 222, 25)  
}
```

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(123, 222, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 222, 25) }
```

Border

The CSS property to change the border of an element to Android 4286307865 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(123, 222, 25) }
```

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

```
.border{ border-color:rgb(123, 222, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 222, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 222, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 222, 25);  
box-shadow:4px 4px 4px 4px rgb(123, 222,  
25) }
```

Background

The CSS property to change the background color of an element to Android 4286307865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 222, 25) }
```

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

```
.background{ background-color: rgb(123,  
222, 25) }
```

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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