

Converting Colors

Android(4287881256)

Have a look what the booklet for
Android(4287881256) contains.

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Color

Android(4287881256)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 93E028 |
| RGB | 147, 224, 40 |
| RGB Percent | 58%, 88%, 16% |
| CMY | 0.4235, 0.1216, 0.8431 |
| CMYK | 0.34, 0.00, 0.82, 0.12 |
| HSL | 85°, 75%, 52% |
| HSV | 85°, 82%, 88% |
| XYZ | 39.0713, 59.6676, 11.4652 |
| YIQ | 180.0010, 13.1720, -73.5480 |

Conversions

Conversions Part 2

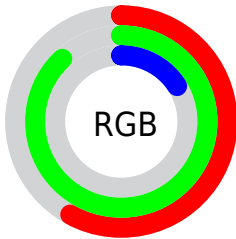
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 40, 224, 117 |
| Decimal | 9691176 |
| CIELab | 81.66, -49.16, 73.93 |
| CIELCh | 82, 88.786, 123.624 |
| Yxy | 59.6676, 0.3545, 0.5414 |
| Android (android.graphics.Color) | 4287881256 (0xFF93E028) |
| YUV | 180.0010, -69.0205, -28.9419 |
| Hunter-Lab | 77.2448, -44.8910, 45.2711 |

Details

The Android color `4287881256` is a dark color, and the websafe version is hex `66CC00`. The color can be described as middle washed chartreuse. A complement of this color would be `4285868256`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4291755879`, and `4284000256` is the 20% darker color. If you saturate the color by 10%, you get `4287291410`, and if you desaturate by 10%, it is `4288471102`.

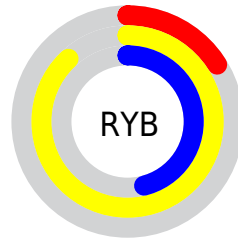
Distribution



Red (58%)

Green (88%)

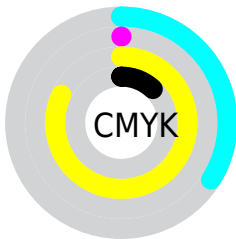
Blue (16%)



Red (16%)

Yellow (88%)

Blue (46%)

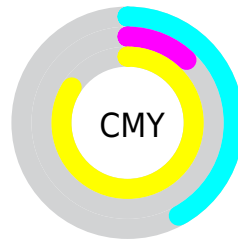


Cyan (34%)

Magenta (0%)

Yellow (82%)

Black (12%)



Cyan (42%)

Magenta (12%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287881256 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 4287881256 by changing the saturation by 10% instead.

 4287881256

 4287881256

4294967295

 4285973504

 4291755879

 4284000256

 4293721988

 4281961728

 4294967201

 4279464704

 4294967230

 4278213120

 4294967259

 4278206720

 4294967289

 4278201344

 4278192896

 4278190080

■ 4287881256

■ 4287881256

■ 4287291410

■ 4288471102

■ 4286767104

■ 4289126485

■ 4289716331

■ 4290306178

■ 4290961560

■ 4291551406

■ 4292206789

■ 4292796635

■ 4293386482

Harmonies

Analogous

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



4293511936



4287881256



4278250621

Triad

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



4287881256



4278249471



4294931140

Complementary

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



4287881256



4285868256

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.



4294936831



4287881256



4278244095

Square

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



4287881256



4278251775



4292325631



4294935924

Rectangle

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



4287881256



4278251702



4292325631



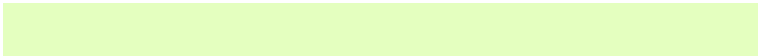
4294931936

Sweetspot

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



4287881256



4293197759



4292900136



4285497433



4278190080



4286611584

Same Dimension

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



4287881256



4288020227



4281851944



4285296741



4284919808



4280037376

Inverse Universe

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



4285868256



4285268991



4291897568



4285162864



4283039920



4279500848

Previews

White Background



This preview shows how the Android color 4287881256 looks on a white background.

Color Contrast Check

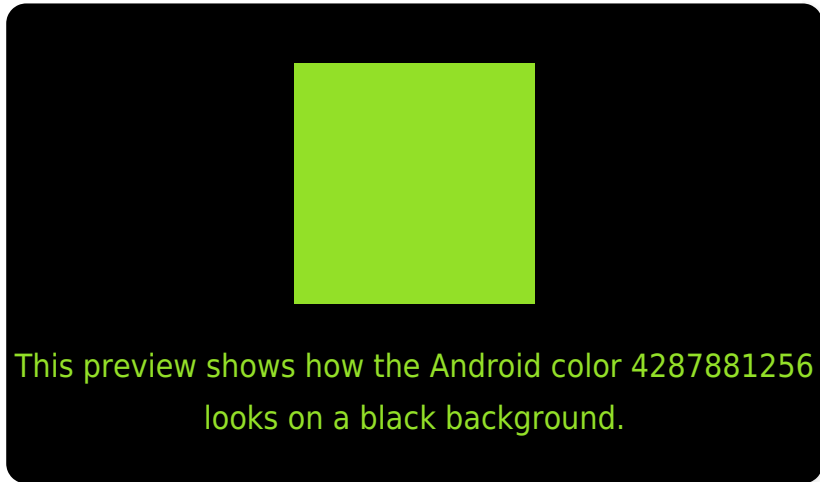
Large Text (above 18pt) WCAG AA × Fail

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 4287881256 Background



This preview shows how black text looks on a background with the Android color 4287881256.



This preview shows how white text looks on a background with the Android color 4287881256.

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
4287881256

Protanopia
4293118498

Deuteranopia
4294819898

Trichromacy



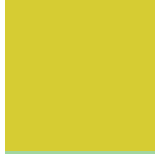
Original Color

4287881256



Protanomaly

4291220004



Deuteranomaly

4292267059



Tritanomaly

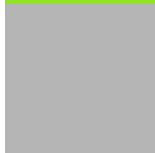
4288861854

Monochromacy



Original Color

4287881256



Achromatopsia

4290032820



Achromatomaly

4289250433

CSS Examples

Text

The CSS property to change the color of the text to Android 4287881256 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(147, 224, 40)` looks like.

```
.text, #text, p{  
    color:rgb(147, 224, 40)  
}
```

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(147, 224, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 224, 40) }
```

Border

The CSS property to change the border of an element to Android 4287881256 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(147, 224, 40) }
```

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

```
.border{ border-color:rgb(147, 224, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 224, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 224, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 224, 40);  
box-shadow:4px 4px 4px 4px rgb(147, 224,  
40) }
```

Background

The CSS property to change the background color of an element to Android 4287881256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 224, 40) }
```

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

```
.background{ background-color: rgb(147,  
224, 40) }
```

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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