

Converting Colors

Android(4284145756)

Have a look what the booklet for
Android(4284145756) contains.

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Color

Android(4284145756)

Conversions

Conversions Part 1

Format	Color
Hex	5AE05C
RGB	90, 224, 92
RGB Percent	35%, 88%, 36%
CMY	0.6471, 0.1216, 0.6392
CMYK	0.60, 0.00, 0.59, 0.12
HSL	121°, 68%, 62%
HSV	121°, 60%, 88%
XYZ	32.8039, 56.2577, 19.2551
YIQ	168.8860, -37.4920, -69.4600

Conversions

Conversions Part 2

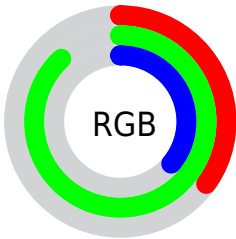
Format	Color
RYB	90, 222, 224
Decimal	5955676
CIELab	79.76, -62.04, 52.84
CIELCh	80, 81.492, 139.575
Yxy	56.2577, 0.3029, 0.5194
Android (android.graphics.Color)	4284145756 (0xFF5AE05C)
YUV	168.8860, -37.9048, -69.1830
Hunter-Lab	75.0051, -53.1911, 37.2828

Details

The Android color **4284145756** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **4292893406**, and the grayscale version is **4289309097**.

A 20% lighter version of the original color is **4288216978**, and **4278232869** is the 20% darker color. If you saturate the color by 10%, you get **4282703942**, and if you desaturate by 10%, it is **4285587570**.

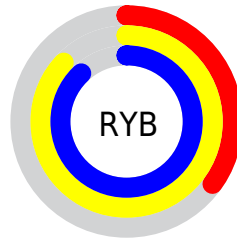
Distribution



Red (35%)

Green (88%)

Blue (36%)



Red (35%)

Yellow (87%)

Blue (88%)

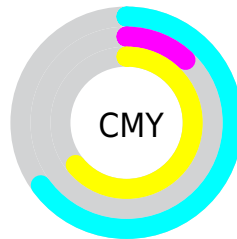


Cyan (60%)

Magenta (0%)

Yellow (59%)

Black (12%)



Cyan (65%)

Magenta (12%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284145756 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 4284145756 by changing the saturation by 10% instead.

 4284145756

 4284145756

4294967295

 4281844545

 4288216978

 4278232869

 4290183086

 4278225920

 4292149194

 4278219264

 4294180839

 4278212608

 4278206208

 4278200064


 4278190080

 4284145756

 4284145756

 4282703942

 4285587570

 4281196592

 4287094920

 4279754778

 4288536734

 4278247428

 4290044084

 4278247427

 4291485898

 4292927712

 4294435062

 4294959359

Harmonies

Analogous

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



4290498839



4284145756



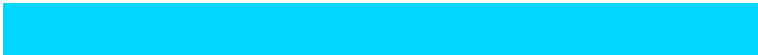
4278249640

Triad

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



4284145756



4278245119



4294933911

Complementary

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



4284145756



4292893406

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.



4294933988



4284145756



4287610367

Square

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



4284145756



4278248703



4294941439



4294941011

Rectangle

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



4284145756



4278249949



4294941439



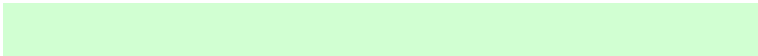
4294932912

Sweetspot

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



4284145756



4291952594



4292927578



4284711012



4278190080



4286611584

Same Dimension

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



4284145756



4282908490



4284145821



4284837989



4278235139



4278202369

Inverse Universe

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



4292893406



4294920188



4292893341



4285556080



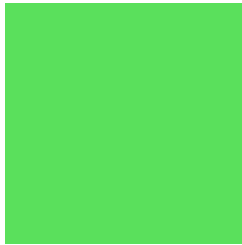
4289724589



4281335856

Previews

White Background



This preview shows how the Android color 4284145756 looks on a white background.

Color Contrast Check

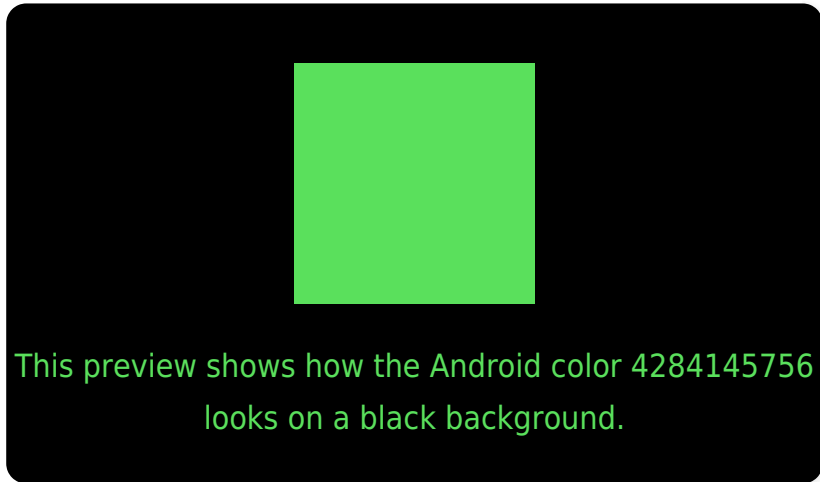
Large Text (above 18pt) WCAG AA × Fail

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 4284145756 Background



This preview shows how black text looks on a background with the Android color 4284145756.



This preview shows how white text looks on a background with the Android color 4284145756.

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

4284145756



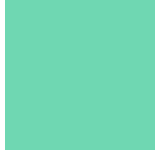
Protanomaly

4289449559



Deuteranomaly

4290431074



Tritanomaly

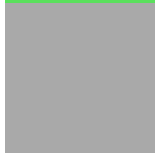
4285519794

Monochromacy



Original Color

4284145756



Achromatopsia

4289309097



Achromatomaly

4287413645

CSS Examples

Text

The CSS property to change the color of the text to Android 4284145756 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(90, 224, 92)` looks like.

```
.text, #text, p{  
    color:rgb(90, 224, 92)  
}
```

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(90, 224, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 224, 92) }
```

Border

The CSS property to change the border of an element to Android 4284145756 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(90, 224, 92) }
```

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

```
.border{ border-color:rgb(90, 224, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 224, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 224, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 224, 92);  
box-shadow:4px 4px 4px 4px rgb(90, 224,  
92) }
```

Background

The CSS property to change the background color of an element to Android 4284145756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 224, 92) }
```

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

```
.background{ background-color: rgb(90, 224,  
92) }
```

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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