

Converting Colors

Android(4284733772)

Have a look what the booklet for
Android(4284733772) contains.

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Color

Android(4284733772)

Conversions

Conversions Part 1

Format	Color
Hex	63D94C
RGB	99, 217, 76
RGB Percent	39%, 85%, 30%
CMY	0.6118, 0.1490, 0.7020
CMYK	0.54, 0.00, 0.65, 0.15
HSL	110°, 65%, 57%
HSV	110°, 65%, 85%
XYZ	31.2630, 52.8002, 15.3812
YIQ	165.6440, -25.0670, -68.8670

Conversions

Conversions Part 2

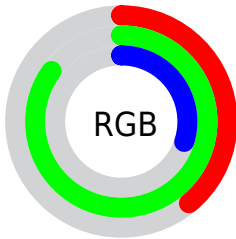
Format	Color
RYB	76, 217, 194
Decimal	6543692
CIELab	77.76, -58.98, 57.49
CIELCh	78, 82.363, 135.734
Yxy	52.8002, 0.3144, 0.5310
Android (android.graphics.Color)	4284733772 (0xFF63D94C)
YUV	165.6440, -44.1945, -58.4468
Hunter-Lab	72.6637, -50.3634, 38.3143

Details

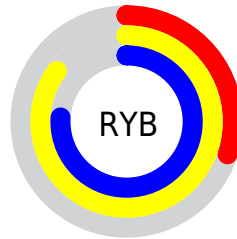
The Android color `4284733772` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4290923737`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4288675714`, and `4279869708` is the 20% darker color. If you saturate the color by 10%, you get `4283554102`, and if you desaturate by 10%, it is `4285913442`.

Distribution



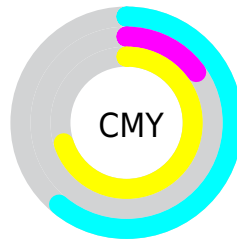
- Red (39%)
- Green (85%)
- Blue (30%)



- Red (30%)
- Yellow (85%)
- Blue (76%)



- Cyan (54%)
- Magenta (0%)
- Yellow (65%)
- Black (15%)



- Cyan (61%)
- Magenta (15%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284733772 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 4284733772 by changing the saturation by 10% instead.



4284733772



4284733772

4294967295



4282629424



4288675714



4279869708



4290641822



4278224384



4292607930



4278217728



4294574039



4278211072



4294967284



4278204928



4278198784



4278190080



4284733772




4284733772

 4283554102

 4285913442

 4282374433

 4287093111

 4281194763

 4288272781

 4280539392

 4289517987

 4290697657

 4291877326

 4293056996

 4294236666

 4294957567

Harmonies

Analogous

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



4290758912



4284733772



4278247832

Triad

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



4284733772



4278244351



4294931611

Complementary

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



4284733772



4290923737

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.



4294932712



4284733772



4285316095

Square

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



4284733772



4278247679



4294351359



4294938196

Rectangle

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



4284733772



4278248397



4294351359



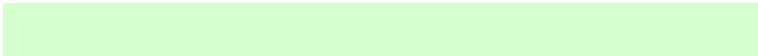
4294930869

Sweetspot

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



4284733772



4292280271



4292461132



4284973154



4278190080



4286611584

Same Dimension

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



4284733772



4284088120



4283226491



4284771939



4280069376



4278660608

Inverse Universe

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



4290923737



4292819199



4292431018



4285293422



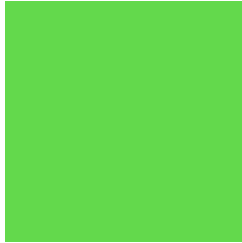
4287692973



4280680494

Previews

White Background



This preview shows how the Android color 4284733772 looks on a white background.

Color Contrast Check

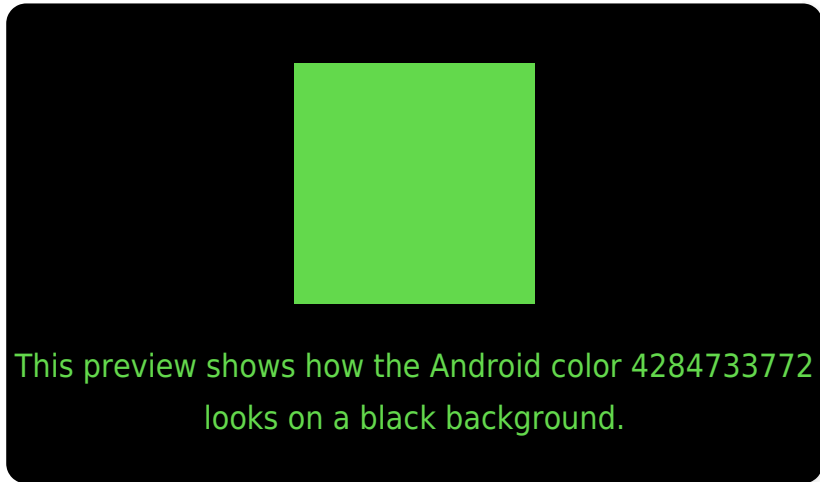
Large Text (above 18pt) WCAG AA × Fail

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

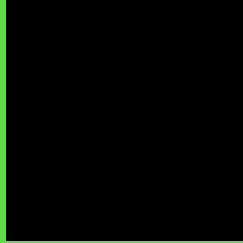
Any Text WCAG AA ✓ Pass

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 4284733772 Background



This preview shows how black text looks on a background with the Android color 4284733772.

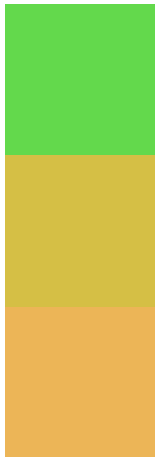


This preview shows how white text looks on a background with the Android color 4284733772.

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
4284733772

Protanopia
4292198213

Deuteranopia
4293702999

Trichromacy



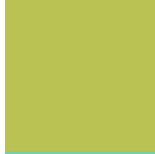
Original Color

4284733772



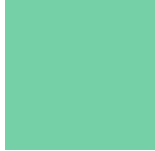
Protanomaly

4289513544



Deuteranomaly

4290429523



Tritanomaly

4285911207

Monochromacy



Original Color

4284733772



Achromatopsia

4289111718



Achromatomaly

4287543685

CSS Examples

Text

The CSS property to change the color of the text to Android 4284733772 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(99, 217, 76)` looks like.

```
.text, #text, p{  
    color:rgb(99, 217, 76)  
}
```

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(99, 217, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 217, 76) }
```

Border

The CSS property to change the border of an element to Android 4284733772 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(99, 217, 76) }
```

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

```
.border{ border-color:rgb(99, 217, 76) }
```

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

Here you see how a box with a 4 pixel rgb(99, 217, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 217, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 217, 76);  
box-shadow:4px 4px 4px 4px rgb(99, 217,  
76) }
```

Background

The CSS property to change the background color of an element to Android 4284733772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 217, 76) }
```

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

```
.background{ background-color: rgb(99, 217,  
76) }
```

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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