

Converting Colors

Android(4284857716)

Have a look what the booklet for
Android(4284857716) contains.

Android(4284857716)	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(4284857716)

Conversions

Conversions Part 1

Format	Color
Hex	65BD74
RGB	101, 189, 116
RGB Percent	40%, 74%, 45%
CMY	0.6039, 0.2588, 0.5451
CMYK	0.47, 0.00, 0.39, 0.26
HSL	130°, 40%, 57%
HSV	130°, 47%, 74%
XYZ	26.7168, 40.4228, 22.9173
YIQ	154.3660, -29.0150, -41.3590

Conversions

Conversions Part 2

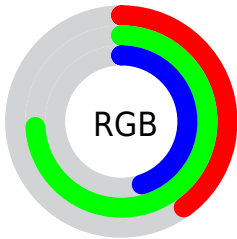
Format	Color
RYB	101, 176, 189
Decimal	6667636
CIELab	69.77, -42.17, 28.91
CIELCh	70, 51.125, 145.564
Yxy	40.4228, 0.2967, 0.4489
Android (android.graphics.Color)	4284857716 (0xFF65BD74)
YUV	154.3660, -18.9144, -46.8020
Hunter-Lab	63.5790, -36.2549, 23.1340

Details

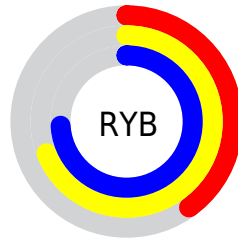
The Android color `4284857716` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290602414`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4288476841`, and `4281108291` is the 20% darker color. If you saturate the color by 10%, you get `4283612516`, and if you desaturate by 10%, it is `4286102916`.

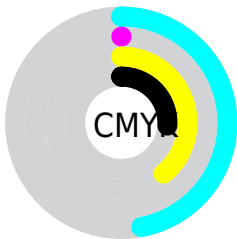
Distribution



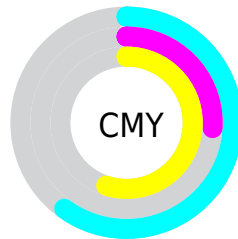
- Red (40%)
- Green (74%)
- Blue (45%)



- Red (40%)
- Yellow (69%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (60%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284857716 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 4284857716 by changing the saturation by 10% instead.

 4284857716

 4284857716

4294967295

 4283015771

 4288476841

 4281108291

 4290379716

 4278283563

 4292280288

 4278211604


 4294180861

 4278205440

 4278200064

 4278190080

 4284857716


 4284857716

 4283612516

 4286102916

 4282367317

 4287348115


 4281122117

 4288593315

 4279876917

 4289838515

 4278697254

 4291083714

 4278238496

 4292263378

 4293508578

 4294753777

 4294950399

Harmonies

Analogous

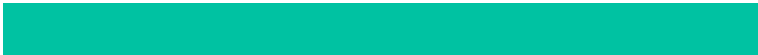
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4288590931



4284857716



4278239906

Triad

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



4284857716



4282429951



4294936197

Complementary

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



4284857716



4290602414

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.



4294739123



4284857716



4288913918

Square

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



4284857716



4278238454



4292710368



4293825631

Rectangle

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



4284857716



4278239938



4292710368



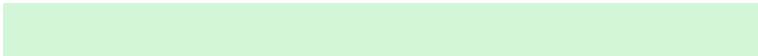
4294935700

Sweetspot

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



4284857716



4292081112



4289641829



4284906089



4294638330



4286216826

Same Dimension

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



4284857716



4285330819



4284857760



4283784791



4278230555



4278198021

Inverse Universe

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



4290602414



4294274269



4290602370



4284372317



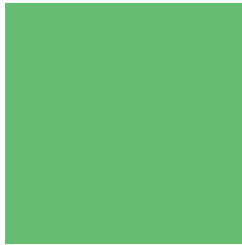
4288544899



4280221721

Previews

White Background



This preview shows how the Android color 4284857716 looks on a white background.

Color Contrast Check

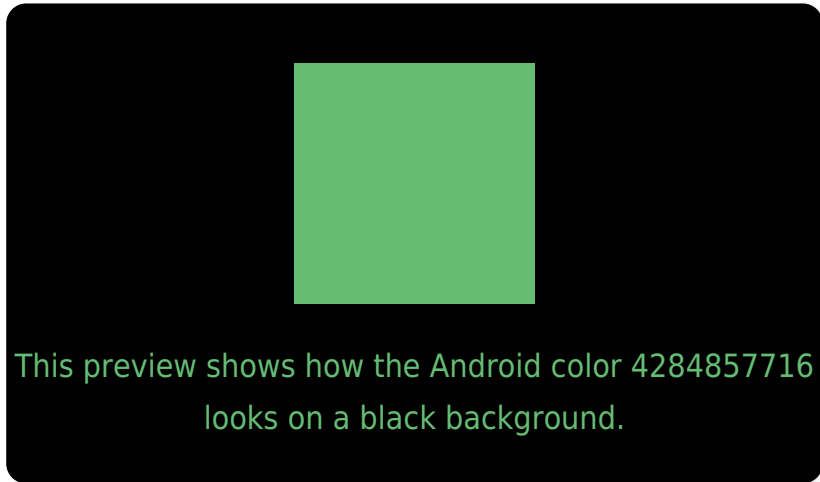
Large Text (above 18pt) WCAG AA × Fail

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 4284857716 Background



This preview shows how black text looks on a background with the Android color 4284857716.



This preview shows how white text looks on a background with the Android color 4284857716.

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
4284857716

Protanopia
4290292076

Deuteranopia
4291404410

Trichromacy



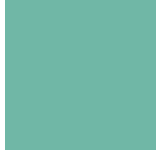
Original Color
4284857716



Protanomaly
4288327791



Deuteranomaly
4289047672



Tritanomaly
4285577126

Monochromacy



Original Color
4284857716



Achromatopsia
4288322202



Achromatomaly
4287080332

CSS Examples

Text

The CSS property to change the color of the text to Android 4284857716 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(101, 189, 116)` looks like.

```
.text, #text, p{  
    color:rgb(101, 189, 116)  
}
```

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(101, 189, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 189, 116) }
```

Border

The CSS property to change the border of an element to Android 4284857716 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(101, 189, 116) }
```

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

```
.border{ border-color:rgb(101, 189, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 189, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 189, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 189, 116);  
box-shadow:4px 4px 4px 4px rgb(101, 189,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4284857716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 189, 116) }
```

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

```
.background{ background-color: rgb(101,  
189, 116) }
```

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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