

Converting Colors

Android(4290437688)

Have a look what the booklet for
Android(4290437688) contains.

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Color

Android(4290437688)

Conversions

Conversions Part 1

Format	Color
Hex	BAE238
RGB	186, 226, 56
RGB Percent	73%, 89%, 22%
CMY	0.2706, 0.1137, 0.7804
CMYK	0.18, 0.00, 0.75, 0.11
HSL	74°, 75%, 55%
HSV	74°, 75%, 89%
XYZ	48.1599, 65.1173, 13.7720
YIQ	194.6600, 30.7300, -61.3500

Conversions

Conversions Part 2

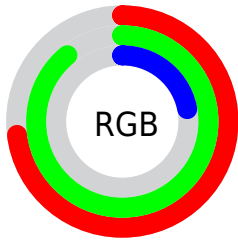
Format	Color
RYB	56, 226, 96
Decimal	12247608
CIELab	84.54, -34.77, 72.96
CIELCh	85, 80.818, 115.479
Yxy	65.1173, 0.3791, 0.5125
Android (android.graphics.Color)	4290437688 (0xFFBAE238)
YUV	194.6600, -68.3594, -7.5948
Hunter-Lab	80.6953, -34.6860, 46.3679

Details

The Android color **4290437688** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **4284496098**, and the grayscale version is **4291019715**.

A 20% lighter version of the original color is **4294311795**, and **4286622464** is the 20% darker color. If you saturate the color by 10%, you get **4290109985**, and if you desaturate by 10%, it is **4290765391**.

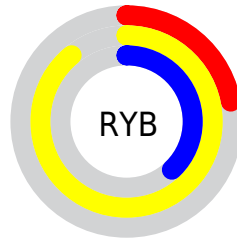
Distribution



Red (73%)

Green (89%)

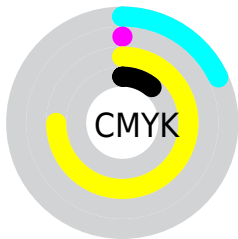
Blue (22%)



Red (22%)

Yellow (89%)

Blue (38%)

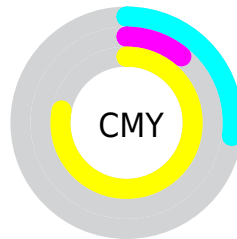


Cyan (18%)

Magenta (0%)

Yellow (75%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290437688 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 4290437688 by changing the saturation by 10% instead.



4290437688



4290437688

4294967295



4288529935



4294311795



4286622464



4294967184



4284780544



4294967212



4282938880



4294967241



4281031936



4294967271



4278600960



4278201856



4278196480



4278190080

■ 4290437688

■ 4290437688

■ 4290109985

■ 4290765391

■ 4289716747

■ 4291158629

■ 4289585664

■ 4291486332

■ 4291814034

■ 4292207273

■ 4292534976

■ 4292862678

■ 4293255917

■ 4293583615

Harmonies

Analogous

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



4294953765



4290437688



4283297912

Triad

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



4290437688



4278251775



4294937314

Complementary

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



4290437688



4284496098

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.



4294943487



4290437688



4278247423

Square

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



4290437688



4278253567



4290692351



4294938774

Rectangle

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



4290437688



4278252970



4290692351



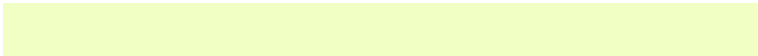
4294938619

Sweetspot

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



4290437688



4294049732



4293025848



4286021724



4278190080



4286611584

Same Dimension

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



4290437688



4291428121



4284867128



4285427813



4287082496



4280627200

Inverse Universe

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



4284496098



4283439615



4290066658



4285031792



4280877232



4278911024

Previews

White Background



This preview shows how the Android color 4290437688 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



This preview shows how the Android color 4290437688 looks on a 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 4290437688 Background



This preview shows how black text looks on a background with the Android color 4290437688.

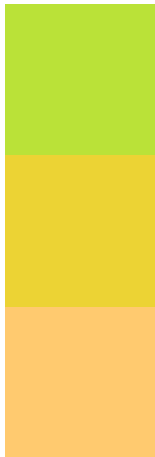


This preview shows how white text looks on a background with the Android color 4290437688.

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](#).

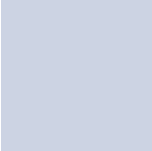
Dichromacy



Original Color
4290437688

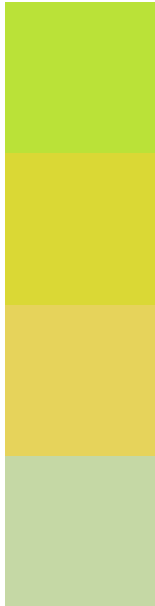
Protanopia
4293710644

Deuteranopia
4294953583



Tritanopia
4291613667

Trichromacy



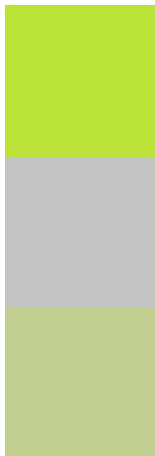
Original Color
4290437688

Protanomaly
4292532277

Deuteranomaly
4293317467

Tritanomaly
4291156133

Monochromacy



Original Color
4290437688

Achromatopsia
4291019715

Achromatomaly
4290825872

CSS Examples

Text

The CSS property to change the color of the text to Android 4290437688 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(186, 226, 56)` looks like.

```
.text, #text, p{  
    color:rgb(186, 226, 56)  
}
```

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(186, 226, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 226, 56) }
```

Border

The CSS property to change the border of an element to Android 4290437688 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(186, 226, 56) }
```

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

```
.border{ border-color:rgb(186, 226, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 226, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 226, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 226, 56);  
box-shadow:4px 4px 4px 4px rgb(186, 226,  
56) }
```

Background

The CSS property to change the background color of an element to Android 4290437688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 226, 56) }
```

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

```
.background{ background-color: rgb(186,  
226, 56) }
```

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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