

Converting Colors

Android(4290312506)

Have a look what the booklet for
Android(4290312506) contains.

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Color

Android(4290312506)

Conversions

Conversions Part 1

Format	Color
Hex	B8F93A
RGB	184, 249, 58
RGB Percent	72%, 98%, 23%
CMY	0.2784, 0.0235, 0.7725
CMYK	0.26, 0.00, 0.77, 0.02
HSL	80°, 94%, 60%
HSV	80°, 77%, 98%
XYZ	54.4066, 78.2472, 16.2387
YIQ	207.7910, 22.5710, -73.1810

Conversions

Conversions Part 2

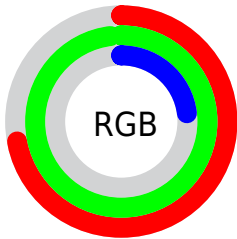
Format	Color
RYB	58, 249, 123
Decimal	12122426
CIELab	90.89, -45.59, 78.24
CIELCh	91, 90.550, 120.231
Yxy	78.2472, 0.3654, 0.5255
Android (android.graphics.Color)	4290312506 (0xFFB8F93A)
YUV	207.7910, -73.8470, -20.8647
Hunter-Lab	88.4574, -45.0125, 51.0360

Details

The Android color `4290312506` is a light color, and the websafe version is hex `CCFF33`. The color can be described as light washed chartreuse. A complement of this color would be `4286266105`, and the grayscale version is `4291875024`.

A 20% lighter version of the original color is `4294246263`, and `4286431232` is the 20% darker color. If you saturate the color by 10%, you get `4289788193`, and if you desaturate by 10%, it is `4290836819`.

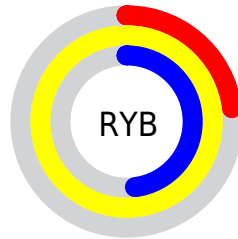
Distribution



Red (72%)

Green (98%)

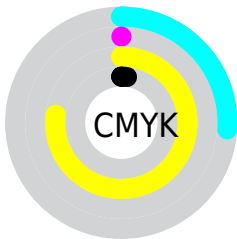
Blue (23%)



Red (23%)

Yellow (98%)

Blue (48%)

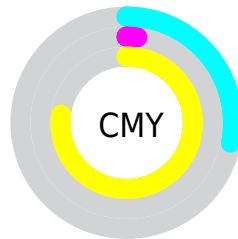


Cyan (26%)

Magenta (0%)

Yellow (77%)

Black (2%)



Cyan (28%)

Magenta (2%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290312506 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 4290312506 by changing the saturation by 10% instead.

 4290312506

 4290312506

4294967295

 4288404492

 4294246263

 4286431232

 4294967188

 4284523776

 4294967218

 4282550784

 4294967247

 4280315904

 4294967277

 4278212352

 4278206208

 4278200832

 4278191616

■ 4290312506

■ 4290312506

■ 4289788193

■ 4290836819

■ 4289198344

■ 4291426668

■ 4289001728

■ 4291950981

■ 4292540830

■ 4293065143

■ 4293654991

■ 4294179304

■ 4294769151

■ 4294965759

Harmonies

Analogous

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



4294959361



4290312506



4278255498

Triad

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



4290312506



4278255615



4294938344

Complementary

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



4290312506



4286266105

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.



4294944511



4290312506



4278251519

Square

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



4290312506



4278255615



4293119487



4294941587

Rectangle

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



4290312506



4278255557



4293119487



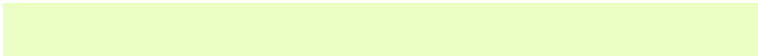
4294939391

Sweetspot

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



4290312506



4293656516



4294539834



4285759580



4278190080



4286611584

Same Dimension

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



4290312506



4289724180



4284152122



4286152048



4286364928



4280827136

Inverse Universe

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



4286266105



4284749055



4292426489



4285886589



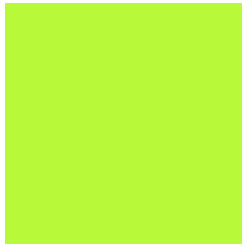
4282384573



4279566397

Previews

White Background



This preview shows how the Android color 4290312506 looks on a white background.

Color Contrast Check

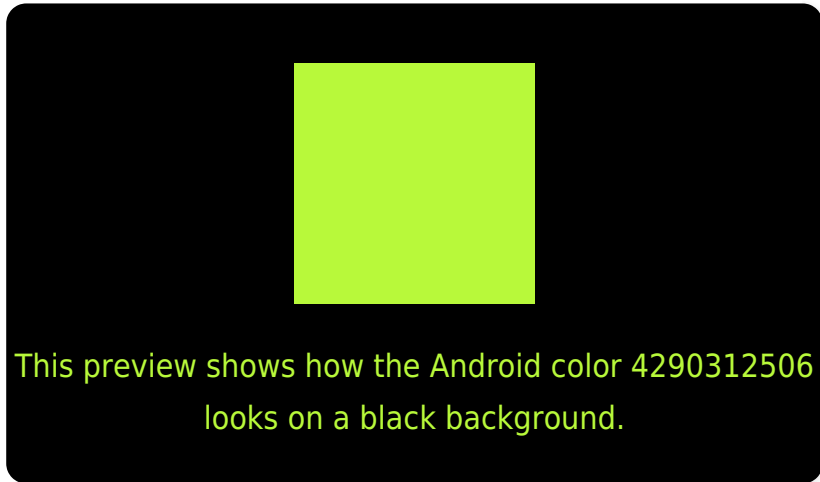
Large Text (above 18pt) WCAG AA × Fail

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 4290312506 Background



This preview shows how black text looks on a background with the Android color 4290312506.



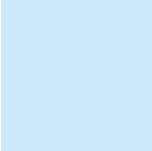
This preview shows how white text looks on a background with the Android color 4290312506.

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



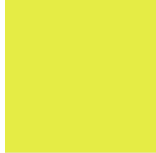


Tritanopia
4291750139

Trichromacy



Original Color
4290312506



Protanomaly
4293258309

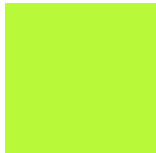


Deuteranomaly
4293257352

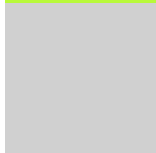


Tritanomaly
4291227317

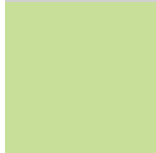
Monochromacy



Original Color
4290312506



Achromatopsia
4291875024



Achromatomaly
4291288985

CSS Examples

Text

The CSS property to change the color of the text to Android 4290312506 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(184, 249, 58)` looks like.

```
.text, #text, p{  
    color:rgb(184, 249, 58)  
}
```

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(184, 249, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 249, 58) }
```

Border

The CSS property to change the border of an element to Android 4290312506 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(184, 249, 58) }
```

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

```
.border{ border-color:rgb(184, 249, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 249, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 249, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 249, 58);  
box-shadow:4px 4px 4px 4px rgb(184, 249,  
58) }
```

Background

The CSS property to change the background color of an element to Android 4290312506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 249, 58) }
```

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

```
.background{ background-color: rgb(184,  
249, 58) }
```

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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