

Converting Colors

Android(4290376562)

Have a look what the booklet for
Android(4290376562) contains.

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Color

Android(4290376562)

Conversions

Conversions Part 1

Format	Color
Hex	B9F372
RGB	185, 243, 114
RGB Percent	73%, 95%, 45%
CMY	0.2745, 0.0471, 0.5529
CMYK	0.24, 0.00, 0.53, 0.05
HSL	87°, 84%, 70%
HSV	87°, 53%, 95%
XYZ	55.0954, 75.6304, 27.6139
YIQ	210.9520, 6.8410, -52.4150

Conversions

Conversions Part 2

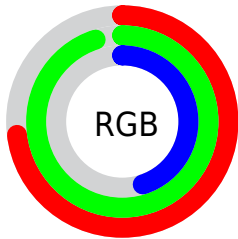
Format	Color
RYB	114, 243, 172
Decimal	12186482
CIELab	89.69, -38.65, 55.62
CIElCh	90, 67.735, 124.795
Yxy	75.6304, 0.3480, 0.4776
Android (android.graphics.Color)	4290376562 (0xFFB9F372)
YUV	210.9520, -47.7973, -22.7599
Hunter-Lab	86.9657, -39.1048, 42.0499

Details

The Android color `4290376562` is a light color, and the websafe version is hex `CCFF66`. A complement of this color would be `4289491699`, and the grayscale version is `4292072403`.

A 20% lighter version of the original color is `4294180777`, and `4286692156` is the 20% darker color. If you saturate the color by 10%, you get `4289655642`, and if you desaturate by 10%, it is `4291097482`.

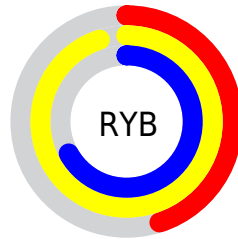
Distribution



Red (73%)

Green (95%)

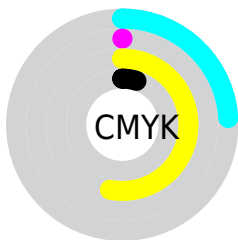
Blue (45%)



Red (45%)

Yellow (95%)

Blue (67%)

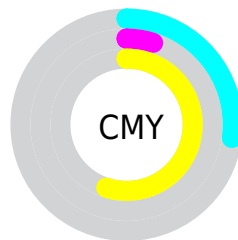


Cyan (24%)

Magenta (0%)

Yellow (53%)

Black (5%)



Cyan (27%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4290376562 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 4290376562 by changing the saturation by 10% instead.

 4290376562

 4290376562

4294967295

 4288534103

 4294180777

 4286692156

 4294967237

 4284849951

 4294967266

 4283073792

 4281166592

 4278997504

 4278205184

 4278199808

 4278190080

■ 4290376562

■ 4290376562

■ 4289655642

■ 4291097482

■ 4288934721

■ 4291818403

■ 4288213801

■ 4292539323

■ 4287492881

■ 4293260243

■ 4287034112

■ 4293981163

■ 4294702079

■ 4294964223

Harmonies

Analogous

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



4294828378



4290376562



4284153512

Triad

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



4290376562



4278253567



4294945242

Complementary

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



4290376562



4289491699

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.



4294948095



4290376562



4286309887

Square

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



4290376562



4278255615



4294167807



4294947739

Rectangle

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



4290376562



4278255572



4294167807



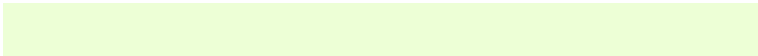
4294945520

Sweetspot

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



4290376562



4293787606



4294158962



4285890663



4278190080



4286611584

Same Dimension

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



4290376562



4290183004



4286313330



4285889134



4284922368



4280302336

Inverse Universe

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



4289491699



4289027327



4293554931



4285820538



4283695290



4279894075

Previews

White Background



This preview shows how the Android color 4290376562 looks on a white background.

Color Contrast Check

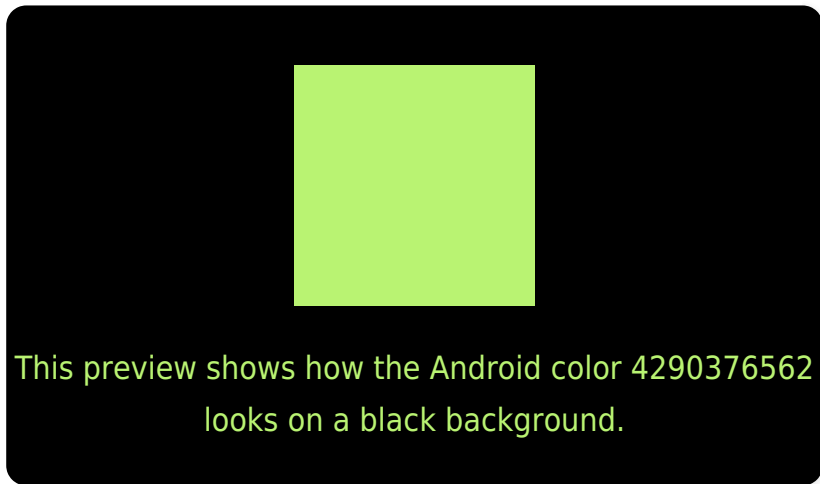
Large Text (above 18pt) WCAG AA × Fail

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 4290376562 Background



This preview shows how black text looks on a background with the Android color 4290376562.

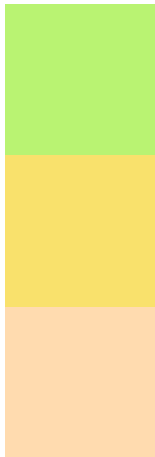


This preview shows how white text looks on a background with the Android color 4290376562.

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
4290376562

Protanopia
4294566252

Deuteranopia
4294957999

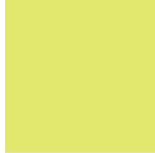


Tritanopia
4291552759

Trichromacy



Original Color
4290376562



Protanomaly
4293060718



Deuteranomaly
4293321881

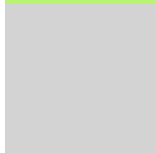


Tritanomaly
4291095239

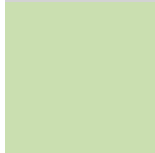
Monochromacy



Original Color
4290376562



Achromatopsia
4292072403



Achromatomaly
4291485616

CSS Examples

Text

The CSS property to change the color of the text to Android 4290376562 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(185, 243, 114)` looks like.

```
.text, #text, p{  
    color:rgb(185, 243, 114)  
}
```

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(185, 243, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 243, 114) }
```

Border

The CSS property to change the border of an element to Android 4290376562 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(185, 243, 114) }
```

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

```
.border{ border-color:rgb(185, 243, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 243, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 243, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 243, 114);  
box-shadow:4px 4px 4px 4px rgb(185, 243,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4290376562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 243, 114) }
```

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

```
.background{ background-color: rgb(185,  
243, 114) }
```

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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