

Converting Colors

Android(4284002562)

Have a look what the booklet for
Android(4284002562) contains.

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Color

Android(4284002562)

Conversions

Conversions Part 1

Format	Color
Hex	58B102
RGB	88, 177, 2
RGB Percent	35%, 69%, 1%
CMY	0.6549, 0.3059, 0.9922
CMYK	0.50, 0.00, 0.99, 0.31
HSL	91°, 98%, 35%
HSV	91°, 99%, 69%
XYZ	19.7576, 33.5234, 5.4868
YIQ	130.4390, 3.1310, -73.2930

Conversions

Conversions Part 2

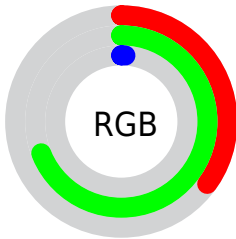
Format	Color
RYB	2, 177, 91
Decimal	5812482
CIELab	64.58, -51.15, 65.06
CIELCh	65, 82.761, 128.173
Yxy	33.5234, 0.3362, 0.5704
Android (android.graphics.Color)	4284002562 (0xFF58B102)
YUV	130.4390, -63.3204, -37.2190
Hunter-Lab	57.8994, -40.4125, 34.9110

Details

The Android color `4284002562` is a dark color, and the websafe version is hex `66CC33`. A complement of this color would be `4284154545`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4287818061`, and `4279270144` is the 20% darker color. If you saturate the color by 10%, you get `4283937024`, and if you desaturate by 10%, it is `4284592404`.

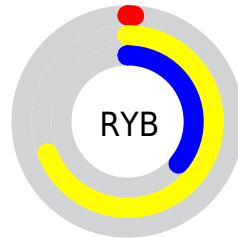
Distribution



Red (35%)

Green (69%)

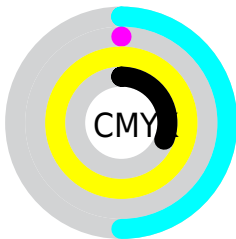
Blue (1%)



Red (1%)

Yellow (69%)

Blue (36%)

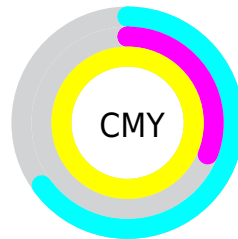


Cyan (50%)

Magenta (0%)

Yellow (99%)

Black (31%)



Cyan (65%)

Magenta (31%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284002562 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 4284002562 by changing the saturation by 10% instead.



4284002562



4284002562

4294967295



4281964032



4287818061



4279270144



4289789801



4278215168



4291690373



4278208768



4293656481



4278202880



4294967229



4278196480



4294967258



4278190080



4294967288



4284002562



4284002562

■ 4283937024

■ 4284592404

■ 4285182245

■ 4285772087

■ 4286361929

■ 4286951771

■ 4287541612

■ 4288131454

■ 4288721296

■ 4289311137

Harmonies

Analogous

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



4289372160



4284002562



4278237794

Triad

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



4284002562



4278236159



4294919308

Complementary

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



4284002562



4284154545

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.



4294924245



4284002562



4278231039

Square

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



4284002562



4278238455



4290150399



4294926404

Rectangle

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



4284002562



4278238614



4290150399



4294919588

Sweetspot

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



4284002562



4290963105



4289812994



4284379977



4294111986



4285756275

Same Dimension

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



4284002562



4285654528



4278366466



4283783504



4283144448



4279048704

Inverse Universe

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



4284154545



4285858022



4289790641



4283781209



4283302041



4279042074

Previews

White Background



This preview shows how the Android color 4284002562 looks on a white background.

Color Contrast Check

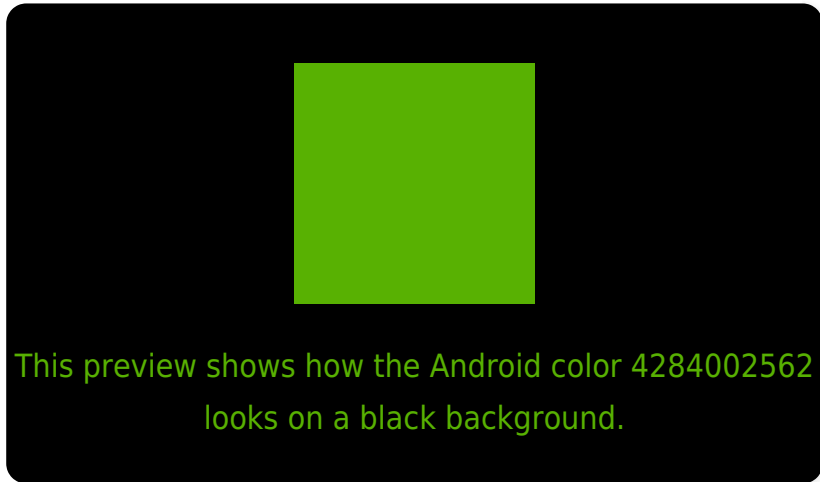
Large Text (above 18pt) WCAG AA × Fail

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 4284002562 Background



This preview shows how black text looks on a background with the Android color 4284002562.



This preview shows how white text looks on a background with the Android color 4284002562.

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



Trichromacy



Original Color
4284002562



Protanomaly
4287669249



Deuteranomaly
4288519960



Tritanomaly
4284983666

Monochromacy



Original Color
4284002562



Achromatopsia
4286743170



Achromatomaly
4285764435

CSS Examples

Text

The CSS property to change the color of the text to Android 4284002562 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(88, 177, 2)` looks like.

```
.text, #text, p{  
    color:rgb(88, 177, 2)  
}
```

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(88, 177, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 177, 2) }
```

Border

The CSS property to change the border of an element to Android 4284002562 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(88, 177, 2) }
```

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

```
.border{ border-color:rgb(88, 177, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 177, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 177, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 177, 2);  
box-shadow:4px 4px 4px 4px rgb(88, 177, 2)  
}
```

Background

The CSS property to change the background color of an element to Android 4284002562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 177, 2) }
```

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

```
.background{ background-color: rgb(88, 177,  
2) }
```

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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