

Converting Colors

Android(4293362432)

Have a look what the booklet for
Android(4293362432) contains.

Android(4293362432)	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(4293362432)

Conversions

Conversions Part 1

Format	Color
Hex	E78300
RGB	231, 131, 0
RGB Percent	91%, 51%, 0%
CMY	0.0941, 0.4863, 1.0000
CMYK	0.00, 0.43, 1.00, 0.09
HSL	34°, 100%, 45%
HSV	34°, 100%, 91%
XYZ	41.0713, 33.2215, 4.2477
YIQ	145.9660, 101.6510, -19.5410

Conversions

Conversions Part 2

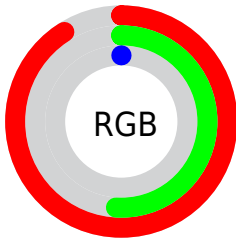
Format	Color
RYB	176, 231, 0
Decimal	15172352
CIELab	64.34, 31.72, 70.69
CIElCh	64, 77.476, 65.834
Yxy	33.2215, 0.5229, 0.4230
Android (android.graphics.Color)	4293362432 (0xFFE78300)
YUV	145.9660, -71.9612, 74.5748
Hunter-Lab	57.6381, 26.3274, 35.9772

Details

The Android color **4293362432** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **4278215911**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4294949192**, and **4289220608** is the 20% darker color. If you saturate the color by 10%, you get **4293362432**, and if you desaturate by 10%, it is **4293365015**.

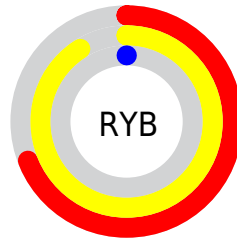
Distribution



Red (91%)

Green (51%)

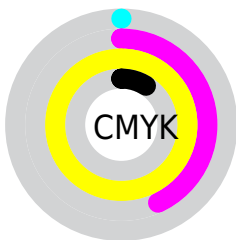
Blue (0%)



Red (69%)

Yellow (91%)

Blue (0%)

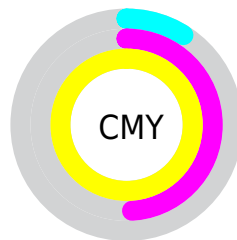


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293362432 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 4293362432 by changing the saturation by 10% instead.



4293362432



4293362432

4294967295



4291258624



4294949192



4289220608



4294956387



4287248384



4294963583



4285276416



4294967194



4283368960



4294967223



4281597952



4294967251



4279304192



4294967280



4278190080



4293362432

 4293365015

 4293367598

 4293370181

 4293372764

 4293375348

 4293377931

 4293380514

 4293383097

 4293385680

Harmonies

Analogous

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



4294926927



4293362432



4289699072

Triad

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



4293362432



4278238120



4289561599

Complementary

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



4293362432



4278215911

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.



4278231295



4293362432



4278237932

Square

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



4293362432



4278237024



4278235903



4294467798

Rectangle

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



4293362432



4286687744



4278235903



4286877439

Sweetspot

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



4293362432



4294958771



4293328996



4286606418



4278190080



4286611584

Same Dimension

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



4293362432



4294938880



4292404992



4285754983



4289946880



4281539840

Inverse Universe

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



4278215911



4278218495



4279173351



4284968051



4278209971



4278195763

Previews

White Background



This preview shows how the Android color 4293362432 looks on a white background.

Color Contrast Check

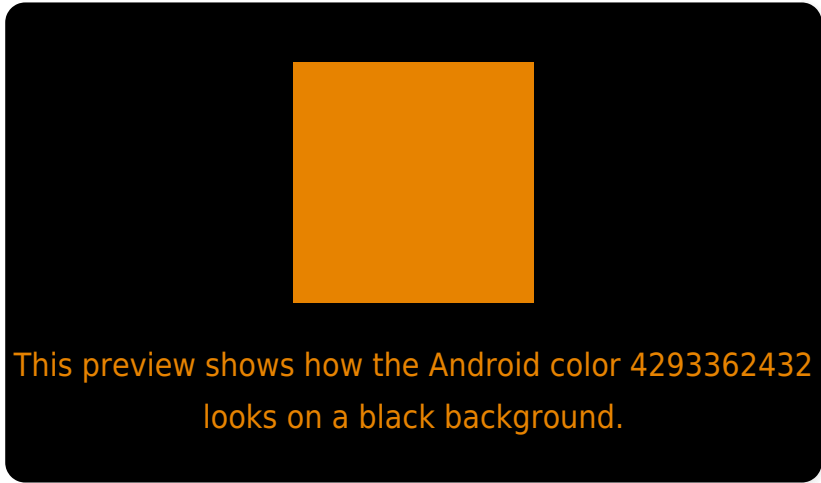
Large Text (above 18pt) WCAG AA × Fail

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 4293362432 Background



This preview shows how black text looks on a background with the Android color 4293362432.



This preview shows how white text looks on a background with the Android color 4293362432.

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
4293362432

Protanopia
4289764626

Deuteranopia
4291204096



Tritanopia
4293687938

Trichromacy



Original Color
4293362432

Protanomaly
4291073035

Deuteranomaly
4291988992

Tritanomaly
4293557587

Monochromacy



Original Color
4293362432

Achromatopsia
4287795858

Achromatomaly
4289826141

CSS Examples

Text

The CSS property to change the color of the text to Android 4293362432 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(231, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(231, 131, 0)  
}
```

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(231, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 131, 0) }
```

Border

The CSS property to change the border of an element to Android 4293362432 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(231, 131, 0) }
```

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

```
.border{ border-color:rgb(231, 131, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 131, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(231, 131,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4293362432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 131, 0) }
```

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

```
.background{ background-color: rgb(231,  
131, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor