

Converting Colors

Android(4286720512)

Have a look what the booklet for
Android(4286720512) contains.

Android(4286720512)	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(4286720512)

Conversions

Conversions Part 1

Format	Color
Hex	822A00
RGB	130, 42, 0
RGB Percent	51%, 16%, 0%
CMY	0.4902, 0.8353, 1.0000
CMYK	0.00, 0.68, 1.00, 0.49
HSL	19°, 100%, 25%
HSV	19°, 100%, 51%
XYZ	10.0339, 6.4018, 0.7068
YIQ	63.5240, 65.9300, 5.5940

Conversions

Conversions Part 2

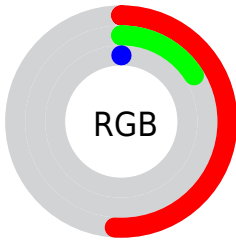
Format	Color
R_{YB}	130, 62, 0
Decimal	8530432
CIE Lab	30.40, 36.29, 42.31
CIE LCh	30, 55.743, 49.380
Yxy	6.4018, 0.5853, 0.3734
Android (android.graphics.Color)	4286720512 (0xFF822A00)
YUV	63.5240, -31.3173, 58.2995
Hunter-Lab	25.3017, 26.5097, 16.0549

Details

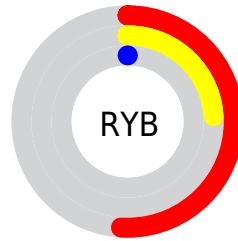
The Android color **4286720512** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **4278212738**, and the grayscale version is **4282400832**.

A 20% lighter version of the original color is **4290665520**, and **4282908672** is the 20% darker color. If you saturate the color by 10%, you get **4286720512**, and if you desaturate by 10%, it is **4286722829**.

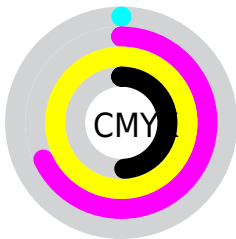
Distribution



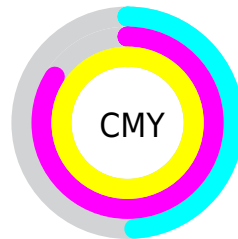
- Red (51%)
- Green (16%)
- Blue (0%)



- Red (51%)
- Yellow (24%)
- Blue (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (100%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286720512 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 4286720512 by changing the saturation by 10% instead.

 4286720512

 4286720512

 4294967272

 4284813056

 4290665520

 4282908672

 4292638280

 4281335809

 4294676577

 4278190080

 4294945658

 4294952853

 4294960048

 4294967243

 4286720512

■ 4286722829

■ 4286725146

■ 4286727207

■ 4286729524

■ 4286731841

■ 4286734158

■ 4286736475

■ 4286738536

■ 4286740853

Harmonies

Analogous

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



4287695150



4286720512



4284825600

Triad

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



4286720512



4278212918



4278338459

Complementary

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



4286720512



4278212738

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.



4278211230



4286720512



4278213219

Square

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



4286720512



4278211842



4278212745



4285148033

Rectangle

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



4286720512



4283189760



4278212745



4278208927

Sweetspot

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



4286720512



4289234550



4286709849



4283711542



4292138196



4283716692

Same Dimension

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



4286720512



4289213952



4286736896



4282399545



4286589184



4278190080

Inverse Universe

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



4278212738



4278219432



4278196354



4281941568



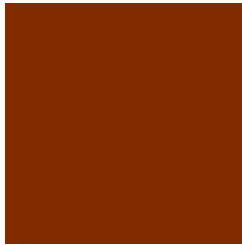
4278212224



4278190080

Previews

White Background



This preview shows how the Android color 4286720512 looks on a white background.

Color Contrast Check

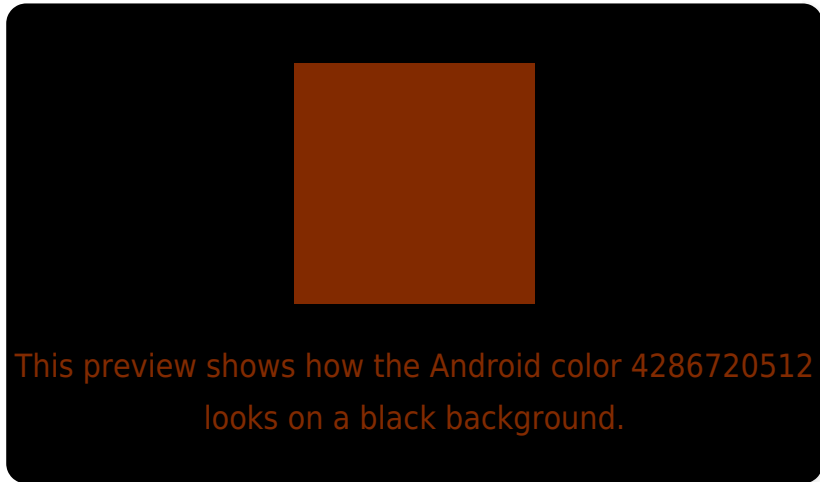
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286720512 Background



This preview shows how black text looks on a background with the Android color 4286720512.



This preview shows how white text looks on a background with the Android color 4286720512.

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

4286720512

Protanopia

4283582734

Deuteranopia

4284237056

Trichromacy



Original Color
4286720512

Protanomaly
4284694025

Deuteranomaly
4285152000

Tritanomaly
4286785562

Monochromacy



Original Color
4286720512

Achromatopsia
4282400832

Achromatomaly
4283971625

CSS Examples

Text

The CSS property to change the color of the text to Android 4286720512 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(130, 42, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 42, 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(130, 42, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 42, 0) }
```

Border

The CSS property to change the border of an element to Android 4286720512 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(130, 42, 0) }
```

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

```
.border{ border-color:rgb(130, 42, 0) }
```

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

Here you see how a box with a 4 pixel rgb(130, 42, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 42, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 42, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 42, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4286720512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 42, 0) }
```

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

```
.background{ background-color: rgb(130, 42,  
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